

HOLLAND COUNTY COUNCIL
LINCOLNSHIRE

Annual Report

on the

County Health Services

PART 2.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report on the health of the County for the year 1947. The delay in presenting the report is regretted, but this is entirely due to the work entailed in preparation for the changes occasioned by the National Health Service Act.

Dr. W. G. Booth, County Medical Officer since 1933, left during the present year to take up a new appointment in London. During that period he had continued the work of building up an efficient County Health Service and the credit for the advanced stage of this service was mainly due to his initiative and foresight.

The death rate (11.2) was the same as for 1946. The birth rate showed an increase from 20.4 to 21.9. There was a rise in the infantile mortality rate which was 40.3 as compared with a rate of 41.0 for England and Wales. There was only one maternal death during the year. Immunisation against diphtheria continued to prove its worth—there were no deaths during the year.

The outbreak of infantile paralysis in the late summer and autumn caused much concern but, fortunately, adequate facilities for treatment were available at the County Emergency Hospital, Boston. Throughout the country there were 7,800 cases. In this County there were 50 notified cases and 3 deaths.

Early in 1947 a Circular was received from the Ministry of Health, with reference to the formulation of proposals by Local Health Authorities in accordance with the National Health Service Act, 1946. The preparation of the various schemes entailed a considerable amount of work. A copy of each approved scheme—midwifery and home nursing, care of mothers and young children, health visiting, immunisation and vaccination, ambulances, home helps, prevention of illness, care and after-care, mental health—is included as an appendix to this report.

In the light of recent experience following the introduction of the new Health Service on July 5th, I wish to draw attention to the increasing difficulties of obtaining the services of dentists and doctors.

It is clearly evident and it is a matter of the gravest concern that dentists and doctors are being attracted away from the Public Health Service generally. These staffing problems are growing more acute and in this difficult interim period one can only beg for the indulgence of the population, especially of parents.

I take this opportunity of thanking the Committee for their assistance and consideration during a difficult period, and of expressing my appreciation of the willing help and co-operation of the staff.

I beg to remain,

Your Obedient Servant,

J. FIELDING.

STATISTICS AND SOCIAL CONDITIONS OF AREA.

(a) GENERAL STATISTICS.

| | |
|--|----------|
| Area (acres) | 267,854 |
| Population (Census 1931) | 92,330 |
| Population (Estimated mid-1947) | 98,670 |
| Rateable Value for the whole County (1st April, 1947) | £358,369 |
| Actual product of penny rate for whole County (1946-47) | £1445 |

(b) EXTRACTS FROM VITAL STATISTICS FOR THE YEAR Live Births

| | Males. | Females. | Total. |
|---------------------|--------|----------|--------|
| Legitimate | 1,059 | 985 | 2,044 |
| Illegitimate | 62 | 51 | 113 |
| Total Births | 1,121 | 1,036 | 2,157 |

Birth-rate per 1,000 population:—21.9.

Deaths from all causes:—1,106.

| | Net Death Rate. |
|------------------------------|-----------------|
| Urban Districts | 12.8 |
| Rural Districts | 10.3 |
| Administrative County | 11.2 |
| England and Wales | 12.0 |

| | |
|--|------|
| Number of women dying in or in consequence of Child-birth | 1 |
| Rate per 1,000 births | .46 |
| Death-rate of infants under one year of age per 1,000 births | 40.3 |
| Deaths from measles (all ages) | Nil |
| Deaths from whooping cough (all ages) | 4 |
| Deaths from diarrhoea (under 2 years of age) | 8 |
| Neo-natal death-rate (under 4 weeks) per 1,000 births ... | 19.9 |

BIRTH-RATE.—The birth-rate for 1947 was 21.9 compared with 20.4 for 1946. The highest rate was in the Borough of Boston, namely, 24.0.

Illegitimate births for the year numbered 113, equivalent to 5.2 per cent. of the total live births.

DEATH-RATE.—The net death-rate, 11.2, is the same as for 1946. The highest rate was in the Borough of Boston (13.2), and the lowest in the Spalding Rural and Boston Rural Districts (9.9). The death-rate for England and Wales was 12.0.

INFANT MORTALITY RATE.—The infant mortality rate for 1947 was 40.3 as compared with 34.9 for the previous year. The rate for England and Wales for the year 1947 was 41.0.

MATERNAL MORTALITY.—The number of women dying from conditions directly associated with child-birth (including sepsis) was 1. This was a rate of 0.46 per 1,000 births as compared with 1.5 for the previous year.

MAIN CAUSES OF DEATH.—The following table shows the chief killing diseases in the County of Holland during 1947.

| Disease. | Total number of deaths. |
|--------------------------------|-------------------------|
| Heart Disease | 243 |
| Cancer | 166 |
| Cerebral Hæmorrhage | 165 |
| Bronchitis | 39 |
| Pneumonia | 37 |
| Tuberculosis (all forms) | 43 |
| Nephritis | 26 |

CANCER.—The number of deaths from cancer during 1947 was 166 compared with 190 in 1946. This figure represents 15.0 per cent. of the total deaths from all causes. The mortality rate per 1,000 of the population was 1.68.

The cancer scheme for the whole County of Lincolnshire, which came into operation in September, 1942, now covers all forms of treatment and has worked smoothly throughout the year.

During the year 113 cases received in-patient treatment; 72 cases attended the clinic at the Boston General Hospital, making 72 attendances. 74 cases received out-patient treatment at Scunthorpe Hospital, making 109 attendances.

In addition, a large number of patients suffering from non-malignant conditions which could benefit by deep X-ray treatment have been seen at the Boston Clinic and referred for treatment at Scunthorpe.

The Council's ambulances and sitting case cars have again been utilised for the transport of patients to and from the Radiotherapy Centre at Scunthorpe and to enable patients to attend the fortnightly clinics at Boston General Hospital.

VITAL STATISTICS FOR THE YEAR 1947.

Urban and Rural Districts.

| District. | Area in acres | Persons per acre 1931 | Population (mid-year) | Live Births | | Deaths | | Deaths under 1 year of age. | | Death-rate from Pulmonary Tuberculosis per 1,000 population | Death-rate from all tubercular diseases per 1,000 population |
|----------------------------|---------------|-----------------------|-----------------------|-------------|------|--------|------|-----------------------------|-----------------------------|---|--|
| | | | | No. | Rate | No. | Rate | No | Rate per 1,000 reg'd births | | |
| | | | | | | | | | | | |
| URBAN. | | | | | | | | | | | |
| Boston Borough | 3257 | 6.9 | 23120 | 555 | 23.6 | 305 | 13.2 | 22 | 39.6 | 0.52 | 0.61 |
| Spalding Urban | 7825 | 1.6 | 13450 | 288 | 21.4 | 162 | 12.0 | 10 | 34.7 | 0.37 | 0.37 |
| Totals for Urban Districts | 11082 | | 36570 | 843 | 23.1 | 467 | 12.8 | 32 | 38.0 | 0.46 | 0.52 |
| RURAL. | | | | | | | | | | | |
| Boston | 84408 | 0.2 | 20480 | 408 | 19.9 | 202 | 9.9 | 17 | 41.7 | 0.39 | 0.39 |
| Spalding | 87770 | 0.2 | 19200 | 387 | 20.2 | 191 | 9.9 | 12 | 31.0 | 0.21 | 0.42 |
| East Elloe | 84594 | 0.3 | 22420 | 519 | 23.1 | 246 | 10.9 | 26 | 50.1 | 0.31 | 0.36 |
| Totals for Rural Districts | 256772 | | 62100 | 1364 | 21.1 | 639 | 10.3 | 55 | 41.9 | 0.31 | 0.39 |
| Administrative County | 267854 | | 98670 | 2157 | 21.9 | 1106 | 11.2 | 87 | 40.3 | 0.36 | 0.44 |
| England and Wales | | | | | 20.5 | | 12.0 | | 41.0 | | |

Causes of Death at each age-period, 1947.

| CAUSES OF DEATH | | | | | | | | | | | |
|--|--------------|---------------|----------------|-----------------|-----------------|----------------|----------|--|--|--|--|
| | Under 1 year | 1 and under 5 | 5 and under 15 | 15 and under 45 | 45 and under 65 | 65 and upwards | All Ages | | | | |
| Typhoid and paratyphoid fevers .. | .. | .. | .. | .. | .. | .. | .. | | | | |
| Measles .. | .. | .. | .. | .. | .. | .. | .. | | | | |
| Scarlet Fever .. | .. | .. | .. | .. | .. | .. | .. | | | | |
| Whooping Cough .. | 4 | .. | .. | .. | .. | .. | 4 | | | | |
| Diphtheria .. | .. | .. | .. | .. | .. | .. | .. | | | | |
| Influenza .. | 1 | 2 | .. | 1 | 1 | .. | 5 | | | | |
| Encephalitis .. | .. | .. | .. | .. | .. | .. | .. | | | | |
| Cerebro-spinal Fever .. | .. | .. | .. | 1 | .. | .. | 1 | | | | |
| Tuberculosis of Respiratory System .. | .. | .. | 1 | 25 | 8 | 2 | 36 | | | | |
| Other tuberculous diseases .. | 1 | 4 | 1 | 1 | 4 | 1 | 7 | | | | |
| Syphilitic Diseases .. | 1 | 2 | .. | 16 | 58 | 89 | 6 | | | | |
| Cancer .. | .. | .. | .. | 2 | 5 | 3 | 166 | | | | |
| Diabetes .. | 1 | .. | .. | 2 | 32 | 130 | 10 | | | | |
| Cerebral haemorrhage, etc. .. | .. | .. | .. | 8 | 41 | 194 | 165 | | | | |
| Heart disease .. | .. | .. | 1 | 2 | 2 | .. | 243 | | | | |
| Acute Polio-myelitis, etc. .. | .. | .. | .. | .. | .. | .. | 3 | | | | |
| Other circulatory diseases .. | .. | .. | .. | .. | 2 | 47 | 49 | | | | |
| Bronchitis .. | 1 | 2 | .. | 2 | 5 | 31 | 39 | | | | |
| Pneumonia (all forms) .. | 17 | .. | .. | 1 | 5 | 12 | 37 | | | | |
| Other respiratory diseases .. | .. | .. | .. | 2 | 2 | 4 | 8 | | | | |
| Peptic ulcer .. | .. | .. | .. | 1 | 4 | .. | 5 | | | | |
| Diarrhoea under 2 years .. | 8 | .. | .. | .. | .. | .. | 8 | | | | |
| Appendicitis .. | 3 | .. | 1 | 1 | 1 | 1 | 4 | | | | |
| Other digestive diseases .. | .. | .. | 1 | 3 | 6 | 9 | 19 | | | | |
| Acute and chronic nephritis .. | .. | .. | .. | .. | 2 | 21 | 26 | | | | |
| Puerperal sepsis .. | .. | .. | .. | .. | .. | .. | .. | | | | |
| Other maternal causes .. | .. | .. | .. | 1 | .. | .. | 1 | | | | |
| Congenital malformation, birth injury, etc. .. | 23 | .. | .. | 1 | .. | .. | 24 | | | | |
| Premature birth .. | 21 | .. | .. | .. | .. | .. | 21 | | | | |
| Suicide .. | .. | .. | .. | 4 | 7 | 9 | 20 | | | | |
| Other violent causes .. | 3 | .. | 4 | 10 | 4 | 3 | 24 | | | | |
| Road accidents .. | .. | 1 | .. | 13 | 3 | 2 | 19 | | | | |
| All other causes .. | 3 | 1 | 1 | 12 | 21 | 118 | 156 | | | | |

INFECTIOUS DISEASES.

DIPHTHERIA.—The number of cases notified was 3 including two cases in the Boston Rural District, and there were no deaths.

With the exception of children under five in the Borough of Boston, which is a separate maternity and child welfare authority, the County Council was responsible for all immunisation work in the rest of the County and also for the immunisation of school children in the Borough.

Every effort was made to secure the immunisation of children and the methods employed showed satisfactory results. There is still room for improvement, however, in the age group 1—5 years. Re-inforcing doses were advised in respect of children entering school and these were provided in 827 cases.

School children are immunised at the time of school medical inspections and, in addition, facilities are available to all children from one year to five years of age either by general practitioners or by members of the County medical or health visiting staff in any of the undermentioned ways:—

- (a) at home by the general practitioner.
- (b) at the surgery by the general practitioner.
- (c) at home by the health visitor.
- (d) at an infant welfare centre or other convenient centre.

During the years 1933 to 1940 inclusive the number of immunisations carried out was as follows:—

| | Under 5 | Aged 5—15 | Total |
|----------------------------|---------|-----------|-------|
| Boston Borough | 562 | 2787 | 3349 |
| Remainder of County | 1239 | 12354 | 13593 |
| | <hr/> | <hr/> | <hr/> |
| | 1801 | 15141 | 16942 |
| | <hr/> | <hr/> | <hr/> |

The following table shows the number of immunisations carried out in the various districts since 1st January, 1941.

| Year. | Number immunised during the year. | | | | | | | |
|-------|-----------------------------------|------------|---------------|------------|-----------------|------------|-----------------|------------|
| | Boston Borough. | | Boston Rural. | | Spalding Urban. | | Spalding Rural. | |
| | Under five. | Aged 5—15. | Under five. | Aged 5—15. | Under five. | Aged 5—15. | Under five. | Aged 5—15. |
| | | | | | | | | |
| 1941 | 209 | 170 | 175 | 283 | 134 | 174 | 129 | 184 |
| 1942 | 267 | 104 | 184 | 369 | 154 | 231 | 211 | 500 |
| 1943 | 268 | 113 | 295 | 270 | 212 | 177 | 189 | 151 |
| 1944 | 308 | 249 | 288 | 55 | 268 | 142 | 224 | 66 |
| 1945 | 314 | 125 | 224 | 36 | 224 | 23 | 236 | 13 |
| 1946 | 287 | 100 | 262 | 42 | 168 | 28 | 223 | 37 |
| *1947 | 312 | 86 | 255 | 41 | 236 | 80 | 199 | 47 |
| Total | 1965 | 947 | 1683 | 1096 | 1396 | 855 | 1411 | 998 |
| | | | | | | | 1652 | 1330 |

* In addition, 827 school children received booster doses.

On the 31st December, 1947, the approximate percentage of children immunised was as follows:—

| | | | | Aged 1—5 years % Immunised. | 5—15 % Immunised. |
|------------------|-----|-----|-----|--------------------------------|----------------------|
| Boston Borough | ... | ... | ... | 58.1 | 92.1 |
| Boston Rural | ... | ... | ... | 58.3 | 90.6 |
| Spalding Urban | ... | ... | ... | 81.4 | 84.8 |
| Spalding Rural | ... | ... | ... | 58.7 | 53.4 |
| East Elloe Rural | ... | ... | ... | 60.3 | 86.0 |
| Whole County | ... | ... | ... | 59.4 | 81.4 |

WHOOPING COUGH.—345 cases were reported, an increase of 223 on the previous year. There were 4 deaths.

ERYSIPELAS.—17 cases were notified. No deaths.

TYPHOID AND PARATYPHOID FEVERS.—One case of paratyphoid was reported in the Borough of Boston. No deaths.

PNEUMONIA.—108 cases of pneumonia were notified, an increase of 19 on the previous year. There were 37 deaths.

PUERPERAL PYREXIA.—8 cases were notified, 4 of these being in the area administered by the County Council for maternity and child welfare purposes. There were no deaths.

MEASLES. — 1,206 cases were notified and there were no deaths.

OPHTHALMIA NEONATORUM.—11 cases (including 7 in the Borough of Boston) were notified. Satisfactory recoveries resulted in all cases.

SCABIES.—The number of cases of scabies declined by about 50 per cent. as compared with the previous year, and no institutional treatment was necessary. 38 cases attended the minor ailments clinics. 87 cases were dealt with at the cleansing station of the Spalding Urban District Council, making 198 attendances. At the cleansing station at the Health Centre, London Road, Boston, 178 cases (including 70 children) were treated.

VACCINATION.—The table on page 10 shows that in 1946 (the last year for which complete figures are available), 9.3 per cent. of the children whose births were registered during the year were vaccinated. This is a decrease of 0.8 per cent. on the previous year. Compulsory vaccination ceased on 5th July, 1948.

Infectious Diseases notified in Holland County for the year ending 31st December, 1947.

| District. | Dysentery. | Cerebro-Spinal Fever. | Whooping Cough. | Diphtheria. | Erysipelas. | Scarlet Fever. | Typhoid and Paratyphoid | Puerperal Pyrexia. | Polio-myelitis and Polio-Encephalitis. | Ophthalmia Neonatorum. | Pulmonary Tuberculosis. | Other Forms of Tuberculosis. | Pneumonia. | Chicken Pox. | Measles. | Total. |
|------------------------|------------|-----------------------|-----------------|-------------|-------------|----------------|-------------------------|--------------------|--|------------------------|-------------------------|------------------------------|------------|--------------|----------|--------|
| Urban Districts | | | | | | | | | | | | | | | | |
| Boston | — | 2 | 71 | — | 4 | 21 | 1 | 4 | 9 | 7 | 16 | 6 | 28 | 157 | 254 | 580 |
| Spalding | — | — | 50 | — | 4 | 3 | — | 2 | 1 | 2 | 5 | — | 23 | — | 320 | 410 |
| Rural Districts | | | | | | | | | | | | | | | | |
| Boston | 1 | 1 | 84 | 2 | 2 | 12 | — | — | 19 | — | 10 | 3 | 19 | 67 | 171 | 391 |
| Spalding | — | — | 46 | 1 | — | 11 | — | — | 10 | 2 | 5 | 4 | 7 | — | 282 | 368 |
| East Elloe | — | — | 94 | — | 7 | 9 | — | 2 | 11 | — | 12 | 3 | 31 | — | 179 | 348 |
| Totals | 1 | 3 | 345 | 3 | 17 | 56 | 1 | 8 | 50 | 11 | 48 | 16 | 108 | 224 | 1206 | 2097 |

All the Sanitary Authorities are included in a Joint Board. The ordinary cases of infectious disease are accommodated at Boston. The Fleet Isolation Hospital is reserved for smallpox.

VACCINATION--RETURNS MADE BY VACCINATION OFFICERS.

| Return respecting vaccinations of children whose births were registered from 1st January to 31st December, 1946, inclusive. | | | | | | | | | |
|---|-------------------|-------------------------|------------------------------|--------------------------|-------------------|----------|-------------------|---------------------------------|--------------------------|
| Registration Sub-District. | Births Registered | Successfully vaccinated | Insusceptible of vaccination | Conscientious objections | Died unvaccinated | Removals | Not accounted for | Successful primary vaccinations | Conscientious objections |
| Boston Urban | 820 | 63 | — | 639 | 19 | 4 | 96 | 1 | 783 |
| Boston Rural | 272 | 30 | — | 257 | 5 | — | — | — | 215 |
| Holbeach | 305 | 53 | — | 213 | 9 | 22 | 8 | 78 | 259 |
| Long Sutton | 118 | 8 | — | 98 | 1 | 2 | 9 | 12 | 105 |
| Gedney Hill | 10 | 2 | — | 8 | — | — | — | 2 | 5 |
| Gosberton | 59 | 8 | — | 46 | 3 | 2 | — | 10 | 41 |
| Spalding, Cowbit | | | | | | | | | |
| Donington, Moulton and Pinchbeck | 228 | 8 | — | 129 | 7 | — | 84 | 7 | 142 |
| Deeping St. Nicholas | 33 | 1 | — | 30 | — | 2 | — | 25 | 28 |
| Crowland | 34 | 1 | — | 25 | 3 | 3 | 2 | — | 36 |
| Totals | 1879 | 174 | — | 1425 | 46 | 35 | 199 | 135 | 1614 |

ANTERIOR POLIOMYELITIS.—The country-wide epidemic became manifest in this County in July, 1947. During the year there were 50 notifications and 3 deaths.

Owing to staffing difficulties, patients could not be admitted to the Boston Isolation Hospital and all cases were therefore sent into the Holland County Emergency Hospital. This was an advantage in that this Hospital is fully equipped for orthopædic work, and remedial treatment could be commenced at the earliest possible moment. The tables which follow refer to the cases dealt with at the Holland County Emergency Hospital.

MALES.

| A. Total number of cases admitted with a provisional diagnosis of: | | | | | | | | | | |
|--|------------------------------|--------------|----|----|-----|-----|-----|-----------|----|---|
| A. Poliomyelitis | | .. | .. | .. | 25 | | | | | |
| B. Polioencephalitis | | .. | .. | 3 | | | | | | |
| AGE GROUPS. | | | | | | | | | | |
| | | 0— | 1— | 5— | 15— | 25— | 35— | 45+ Ttls. | | |
| B. Type | | | | | | | | | | |
| 1. Paralytic | (a) Limbs and/or Trunk | i. Slight | 1 | 1 | 3 | — | — | — | 1 | 6 |
| | | ii. Moderate | — | 2 | — | 1 | — | — | — | 3 |
| | | iii. Severe | — | — | 5 | 2 | — | 1 | — | 8 |
| | (b) Other | i. Slight | — | — | 1 | — | — | — | — | 1 |
| | | ii. Moderate | — | — | 1 | 1 | — | — | — | 2 |
| | | iii. Severe | — | — | 1 | 1 | — | — | — | 2 |
| 2. Non-paralytic | (a) With changes in C.S.F. | — | 1 | — | — | — | — | — | 1 | |
| | (b) With clinical signs only | — | 1 | 1 | — | — | — | — | 2 | |
| 3. Not Poliomyelitis or Polioencephalitis | | — | 1 | — | 1 | 1 | — | — | 3 | |
| Totals | | 1 | 6 | 12 | 6 | 1 | 1 | 1 | 28 | |
| C. Fatal cases of Poliomyelitis and Polioencephalitis: | | | | | | | | | | |
| | | 0— | 1— | 5— | 15— | 25— | 35— | 45+ Ttls. | | |
| 1. Paralytic | (a) Limbs and/or Trunk | — | — | — | — | — | — | — | — | |
| | (b) Other | — | — | 1 | 1 | — | — | — | 2 | |
| 2. Non-paralytic | | — | — | — | — | — | — | — | — | |
| Totals | | — | — | 1 | 1 | — | — | — | 2 | |

FEMALES.

| | | | | |
|--|-------------------|----|----|----|
| A. Total number of cases admitted with a provisional diagnosis of: | | | | |
| A. | Poliomyelitis | .. | .. | 19 |
| B. | Polioencephalitis | .. | .. | 2 |

| | | AGE GROUPS. | | | | | | |
|---|------------------------------|-------------|----|----|-----|-----|-----|-----------|
| | | 0— | 1— | 5— | 15— | 25— | 35— | 45+ Ttls. |
| B. Type | | | | | | | | |
| 1. Paralytic | (a) Limbs | — | — | 2 | — | — | — | 2 |
| | and/ | — | 2 | 2 | — | — | — | 4 |
| | or | — | 1 | 5 | 1 | — | — | 7 |
| | Trunk | — | — | — | — | — | — | — |
| | (b) Other | | | | | | | |
| 2. Non-paralytic | (a) With changes in C.S.F. | — | 1 | — | 1 | — | — | 2 |
| | (b) With clinical signs only | — | — | — | — | — | — | — |
| 3. Not Poliomyelitis or Polioencephalitis | | 1 | 1 | 3 | 1 | — | — | 6 |
| Totals | | 1 | 5 | 12 | 3 | — | — | 21 |

| | | 0— | 1— | 5— | 15— | 25— | 35— | 45+ Ttls. |
|---|------------------------|----|----|----|-----|-----|-----|-----------|
| C. Fatal cases of Poliomyelitis and Polioencephalitis : | | | | | | | | |
| 1. Paralytic | (a) Limbs and/or Trunk | — | — | — | 1 | — | — | 1 |
| | (b) Other | — | — | — | — | — | — | — |
| 2. Non-paralytic | | — | — | — | — | — | — | — |
| Totals | | — | — | — | 1 | — | — | 1 |

MATERNITY AND MIDWIFERY SERVICES.

MIDWIFERY SERVICE.

The following is a summary of the work carried out by the County Council midwives during the year:—

| District | No. of visits | | | | Total number of visits |
|-------------------------------|---------------|--------|-----------|----------|------------------------|
| | Ante-natal | | De-livery | Lying-in | |
| | Home | Clinic | | | |
| Boston, Wyberton and Fishtoft | 1494 | 1884 | 360 | 5130 | 8838 |
| Tydd and Sutton St. James | 111 | — | 18 | 318 | 447 |
| Sutterton and Algarkirk | 14 | 5 | 5 | 76 | 99 |

Each of the domiciliary midwives in Boston has a car and each has been supplied with a gas and air analgesia apparatus. In the Boston district it was administered in 159 cases, an increase of 13 on the previous year.

The shortage of midwives and also lack of accommodation made it difficult and, in some cases, impossible to fill vacancies and to provide reliefs. The result was that increased strain was imposed on midwives in neighbouring districts.

The number of midwives who notified their intention to practice within the County during 1947 was 46, all of whom were trained women. This, of course, covers changes and relief duties. The number practising at the end of the year was 36. Routine, in addition to special inspections, were carried out during the year. Medical aid was sought by midwives in 324 cases, the classification being as follows:—

PREGNANCY.

| | | | | |
|---------------------------------|-----|-----|-----|----|
| Ante-partum haemorrhage | ... | ... | ... | 6 |
| Abortion or threatened abortion | ... | ... | 7 | |
| Swelling of legs | ... | ... | ... | 2 |
| Albuminuria | ... | ... | ... | 12 |
| Miscarriage | ... | ... | ... | 11 |
| Varicose veins | ... | ... | ... | 1 |
| High blood pressure | ... | ... | ... | 6 |
| Other conditions | ... | ... | ... | 28 |

LABOUR.

| | | | | |
|-------------------------------|-----|-----|-----|----|
| Malpresentation | ... | ... | ... | 25 |
| Retained or adherent placenta | ... | ... | ... | 11 |
| Ruptured perineum | ... | ... | ... | 80 |
| Delayed labour | ... | ... | ... | 36 |
| Other conditions | ... | ... | ... | 12 |

LYING-IN.

| | | | | |
|-------------------------|-----|-----|-----|----|
| Varicose veins | ... | ... | ... | 3 |
| Rise of temperature | ... | ... | ... | 5 |
| Post-partum haemorrhage | ... | ... | ... | 4 |
| Other conditions | ... | ... | ... | 19 |

CHILD.

| | |
|-----------------------------|----|
| Prematurity | 8 |
| Dangerous feebleness | 12 |
| Inflammation of eyes | 10 |
| Still Birth | 2 |
| Malformation | 7 |
| Other conditions | 17 |

Notifications of artificial feeding numbered 65 and of deaths of children 18.

CASES ATTENDED BY MIDWIVES.

The County Council is the Supervising Authority for the whole County, including the Borough of Boston. The number of cases attended in the area during the year by midwives was as follows:—

| | Domiciliary Cases. | Cases in Institutions. | Totals. |
|-------------------------|-----------------------|---------------------------|---------|
| As midwives | 918 | 621 | 1539 |
| As maternity nurses ... | 311 | 178 | 489 |

CONSULTATIONS.

During 1947, 35 maternity cases were referred to the Consultants for the following conditions: Toxaemia 2; Hyperpiesis 3; Ante-partum haemorrhage 11; Incomplete abortion 6; Threatened abortion 2; Eclampsia 1; Heart disease 1; Breech 3; Prolonged labour 3; Caesarian 2; Hysterectomy 1.

DENTAL TREATMENT.

During the year 22 cases were treated by the County dentists. 13 cases in which dentures were necessary were treated by private dentists and contributions recovered in accordance with the scale.

ISSUE OF DOCKETS.

679 applications were received for priority dockets for sheets in respect of expectant mothers (domiciliary cases) and 1,910 dockets were issued.

MATERNITY BEDS.

11 cases were admitted to the Myntling Home, Spalding, during the year, the average duration of stay being 14 days. Owing to staff shortage, the maternity section remained closed except for occasional emergency cases.

In the Holbeach Maternity Unit, there were 281 admissions. This higher figure was achieved partly by reducing the length of stay for normal cases from 14 days to 10 days towards the end of the year. The service provided by the maternity unit was fully maintained during the year as an adequate midwifery staff was available. There were 261 deliveries resulting in 252 live births and 9 still-births. Five Caesarean sections were performed. One maternal death occurred from cerebral haemorrhage following severe eclampsia. One infant died within 10 days of birth, and two cases of puerperal pyrexia were notified.

315 patients were admitted to the Wyberton West Hospital; there were 313 deliveries, with 306 live births and 7 still-births.

7 patients were admitted to the Quarry Maternity Home, Lincoln. The problem of the illegitimate child is a difficult one and the Health Department has worked in close co-operation with the Diocesan Moral Welfare Officer in this matter. Unmarried mothers are admitted to the Quarry Home for 16 weeks, inclusive of the pre-natal, lying-in and post-natal periods.

39 cases were sent to the County Maternity Home, Wisbech, and 2 to the Grimsby Municipal Maternity Home.

Apart from the above, 27 difficult cases were dealt with in the Boston General Hospital.

The greatest difficulty was experienced in maintaining an adequate domiciliary midwifery service but the position was eased with the opening of an additional maternity ward at Wyberton West Hospital, Boston. This will be a Part II training centre for pupil-midwives and the new arrangement may assist in obtaining midwives for the districts.

The position regarding cases accommodated in maternity homes etc., during the years 1942 to 1947 inclusive is shown by the following tables:—

| Hospital or Institution. | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 |
|---|------|------|-------------|--------------|--------------|--------------|
| Myntling Home, Spalding | 176 | 212 | 243 | 119 | 8 | 11 |
| Holbeach Maternity Unit | 94 | 199 | 243 | 235 | 243 | 281 |
| Wyberton West Hospital Maternity Unit | — | — | 39 *(10) | 174 *(22) | 250 *(27) | 315 *(34) |
| Boston General Hospital | 22 | 29 | 22 | 22 | 28 | 27 |
| West Norfolk and King's Lynn Hospital | 3 | — | — | 1 | 1 | — |
| County Maternity Home, Wisbech | — | — | 4 | 5 | 39 | 39 |
| Quarry Maternity Home, Lincoln | — | — | 5 | 7 | 9 | 7 |
| Scartho Road Institution, Grimsby | 3 | 3 | 1 | 1 | 1 | 2 |
| Boston P.A. Institution | 9 | — | — | — | — | — |

* Bracketed figures show number of Borough cases accommodated at the Wyberton West Hospital Maternity Unit.

The following statement shows the number of births in the area covered by the County Council for maternity and child welfare purposes in the years 1942 to 1947 inclusive. Institutional accommodation was provided for more than 40 per cent. of the total births.

| | | | | Total births in County. | Births in Maternity Homes. |
|------|-----|-----|-----|----------------------------|-------------------------------|
| 1942 | ... | ... | ... | 1315 | 307 |
| 1943 | ... | ... | ... | 1329 | 450 |
| 1944 | ... | ... | ... | 1412 | 546 |
| 1945 | ... | ... | ... | 1364 | 542 |
| 1946 | ... | ... | ... | 1513 | 579 |
| 1947 | ... | ... | ... | 1602 | 648 |

WELFARE CENTRES AND ANTE-NATAL CLINICS.

9 welfare centres are provided and maintained by the County Council and, in addition, there is an arrangement for mothers and children in the Boston Rural district to attend the Boston Borough centre. The number of sessions is 12 per week.

The County Council has 8 centres for ante-natal and post-natal work.

In connection with certain sessions at Wrangle, Swineshead, Kirton and Holbeach centres, transport is provided to enable mothers and children from outlying districts to attend, no public transport being available.

The attendance figures for the County Welfare Centres are as follows:—

| | Spalding | Long Sutton | Crowland | Donington | Kirton | Holbeach | Swineshead | Wrangle | Sutton Bridge |
|-------------------------------|----------|-------------|----------|-----------|--------|----------|------------|---------|---------------|
| Number of Sessions .. | 98 | 51 | 49 | 49 | 50 | 98 | 48 | 49 | 99 |
| NEW CASES— | | | | | | | | | |
| Mothers | 228 | 77 | 134 | 76 | 93 | 111 | 55 | 52 | 58 |
| Children under 1 year | 233 | 104 | 112 | 82 | 79 | 100 | 58 | 53 | 52 |
| Children over 1 year | 11 | 8 | 41 | 8 | 14 | 15 | 7 | 2 | 24 |
| OLD CASES— | | | | | | | | | |
| Mothers | 2708 | 3406 | 1101 | 1560 | 1806 | 1493 | 1305 | 1109 | 1371 |
| Children under 1 year | 1779 | 1996 | 882 | 998 | 1043 | 901 | 870 | 665 | 907 |
| Children over 1 year | 1257 | 1562 | 375 | 573 | 459 | 673 | 495 | 288 | 668 |
| No. of Consultations .. | 578 | 396 | 152 | 324 | 265 | 445 | 311 | 191 | 152 |
| No. of Health Talks .. | — | — | 1 | — | — | — | — | — | — |
| No. of ante-natal attendances | 903 | — | 65 | 41 | 67 | 1248 | — | 33 | 361 |

BOSTON WELFARE CENTRE (Attendances of County cases):—

| | |
|--|-----|
| New cases attending Centre | 49 |
| Attendances of children under 1 year ... | 580 |
| Attendances of children over 1 year ... | 241 |

HEALTH VISITING.

A total of 18,456 visits was made by the County Health Visitors to children under school age, namely 9,014 to children under 1 year of age and 9,442 visits to children between the ages of 1 and 5 years.

PREMATURITY.

Special reports from health visitors and hospitals were obtained in all cases of prematurity. The total number of premature babies notified during 1947 was 63, namely, 24 born at home and 39 in hospital. Of the 24 born at home 4 were admitted to hospital and 13 survived at the end of one month. 36 out of 39 cases born in hospital survived at the end of one month.

Institutional treatment is available, if desired, for premature infants in the baby wards of the Wyberton West Hospital, Boston, and in the Holbeach Emergency Hospital.

CHILD LIFE PROTECTION.

The Health Visitors undertake the supervision and protection of children under the Public Health Act, 1936.

7 cases in the charge of a similar number of foster-parents were under supervision at the end of the year.

Notice was received during the year in respect of three children under the Adoption of Children (Regulation) Act, 1939. Of these two were under supervision at the end of the year.

Children boarded out by the Social Welfare Committee were visited by the health visitors every six weeks and their reports submitted to the Boarding-out Committee.

DAY NURSERY.

The Day Nursery at Holland Road, Spalding, continued to function satisfactorily during the year. It has 20 places for children under 2 years, and 30 places for children between 2 and 5 years of age. Children are only accepted when the mothers are in employment. The Nursery is a training centre for nursery students and, at the close of the year, had a staff of Matron, deputy-Matron, 2 nursery nurses, 2 nursery assistants, and 4 students. The hours are from 7.30 a.m. to 5 p.m. on Mondays to Fridays inclusive, and from 7.30 a.m. to 1 p.m. on Saturdays. The average attendance has varied from 30 to 48 according to the time of the year.

HOME AND DOMESTIC HELPS.

With the aid of the publicity given to the proposed services a modest start was made towards the end of the year. Three full-time and three part-time Home Helps were enrolled. Of these one full-time and three part-time worked in the Spalding Urban area and two full-time in the Boston Rural area.

Five maternity cases and five sickness cases were dealt with. From this beginning it is hoped to build a sound and useful service.

INSPECTION AND SUPERVISION OF FOOD—FOOD AND DRUGS ACTS.

364 samples were taken by the Sampling Officer during the year. The nature of the samples was as follows:—Drugs 6; Milk 290; Butter 11; Margarine 11; Lard 1; Cooking Fat 9; Canned Fish 2; Meat products 4; Tea 2; Cocoa 1; Coffee 1; Sugar 1; Canned veg. 3; Arrowroot 1; Baking mixtures 2; Cereal products 2; Oatmeal 1; Potato flour 1; Canned pudding 1; Dried eggs 1; Jam 2; Flavouring essence 1; Ground ginger 1; Treacle 1; Canned tomato juice 1; Spices 3; Pepper 2; Spirits (gin) 1.

The table below shows the action taken with regard to samples reported as being below standard or adulterated:—

| No. | Nature of Sample. | Nature of Irregularity. | Action taken. |
|-----|-------------------|---|---|
| 1. | Milk. | 4% Extraneous water. | Informal sample—for follow up. |
| 2. | Milk. | 21% Fat deficiency. | do. |
| 3. | Milk. | 2% Extraneous water. | do. |
| 4. | Milk. | 4% Extraneous water. | do. |
| 5. | Milk. | 1% Extraneous water. | do. |
| 6. | Milk. | 20% Fat deficiency. | Informal sample—for follow up. Results of re-sample satisfactory. |
| 7. | Milk. | 17% Fat deficiency. | do. |
| 8. | Milk. | 15% Fat deficiency. | do. |
| 9. | Milk. | 12% Fat deficiency. | do. |
| 10. | Milk. | 18% Fat deficiency. | do. |
| 11. | Milk. | 12% Fat deficiency. | do. |
| 12. | Milk. | 15% Fat deficiency. | do. |
| 13. | Milk. | 46% Fat deficiency. | do. |
| 14. | Milk. | 7% Extraneous water. | Formal sample—no action. |
| 15. | Milk. | 7% Fat deficiency. | Formal sample—no action. |
| 16. | Milk. | 44% Extraneous water. | Prosecution—Fine of £5. |
| 17. | Milk. | 39% Extraneous water. | |
| 18. | Milk. | 5% Fat deficiency. | Informal sample—for follow up. Results of re-sample proved satisfactory. |
| 19. | Milk. | 23% Fat deficiency. | do. |
| 20. | Milk. | 2½% Extraneous water. | do. |
| 21. | Milk. | 1% Extraneous water. | do. |
| 22. | Milk. | 3% Extraneous water & 50% Fat deficiency. | do. |
| 23. | Milk. | 1% Extraneous water. | do. |
| 24. | Milk. | 3½% Extraneous water. | do. |
| 25. | Milk. | 2% Extraneous water. | do. |
| 26. | Milk. | 1½% Extraneous water. | do. |
| 27. | Milk. | 2% Extraneous water. | do. |
| | | 41% Fat deficiency. | do. |
| 28. | Milk. | 4½% Extraneous water. | do. |
| 29. | Milk. | 4% Extraneous water. | do. |
| 30. | Milk. | 8% Fat deficiency. | do. |
| 31. | Milk. | 7% Fat deficiency. | do. |
| 32. | Milk. | 1% Extraneous water. | do. |

| | | |
|----------------------------|---------------------------------|---|
| 33. Milk. | 5½% Extraneous water. | Informal sample—for follow up. |
| | | Results of re-sample proved satisfactory. |
| 34. Milk | 7½% Extraneous water. | do. |
| | 5½% Fat deficiency. | do. |
| 35. Milk. | 5% Extraneous water. | do. |
| 36. Milk. | 2% Extraneous water. | do. |
| 37. Milk. | 6% Extraneous water. | do. |
| 38. Milk. | 2½% Extraneous water. | do. |
| 39. Milk. | 3½% Extraneous water. | do. |
| 40. Potassium oxalate | Contained 0.75% ammonia. | Informal sample—no action. |
| 41. Milk. | 42% Extraneous water. | Prosecution—Fine of £40. |
| 42. Milk. | 35% Extraneous water. | |
| 43. Milk. | 12% Extraneous water. | |
| 44. Milk. | 34% Extraneous water. | |
| 45. Milk. | 7% Fat deficiency. | Formal sample—warning given. |
| | | Results of re-sample satisfactory. |
| 46. Milk. | 35% Fat deficiency. | do. |
| 47. Milk. | 60% Extraneous water. | Informal sample—for follow up. |
| 48. Milk. | 9% Extraneous water. | do. |
| 49. Milk. | 3% Fat deficiency. | do. |
| 50. Milk. | 4% Fat deficiency. | do. |
| 51. Milk. | 2½% Extraneous water. | do. |
| 52. Sweet spirit of Nitre. | 36% deficient in Ethyl Nitrate. | Informal sample—for follow up. |
| | | Formal re-sample obtained and found satisfactory. |

ORTHOPÆDIC SCHEME.

The County Council's comprehensive scheme provides for the out-patient treatment of orthopædic defects and for institutional treatment at Orthopædic Hospitals. During 1947, 475 cases were seen by the Orthopædic Surgeon at special clinics and the number of attendances made was 725. (School cases 170, attendances 256).

The following table shows the classification of cases according to the nature of the disease:—

| | Adults. | School cases. | Under School age. |
|--------------------------------------|---------|---------------|-------------------|
| Tuberculosis (Surgical). | | | |
| Tubercular glands of neck | 5 | 16 | 5 |
| Tuberculosis of bones or joints ... | 25 | 2 | — |
| Observation cases | 3 | 1 | — |
| Non-tuberculous conditions. | | | |
| Postural deformities of spine | — | 17 | — |
| Rachitic deformities | — | 20 | 3 |
| Paralytic deformities | 1 | 6 | — |

| | | | |
|------------------------------------|----|----|----|
| Congenital deformities of feet ... | 2 | — | 6 |
| Torticollis | 1 | — | 11 |
| Congenital dislocation of hip ... | 1 | 6 | 1 |
| Bow legs | 1 | — | 12 |
| Hallux Valgus, hammer toes, etc. | 3 | 2 | — |
| Osteomyelitis | 7 | 5 | 1 |
| Hernia | — | 1 | 2 |
| Poliomyelitis | 8 | 7 | 1 |
| Scoliosis | 3 | — | 3 |
| Fractures | 81 | 17 | 6 |
| Knock knees | — | — | 9 |
| Undescended testes | — | 17 | — |
| Cervical adenitis | — | — | 1 |
| Naevus | 1 | — | 3 |
| Pes Varus and Pes Valgus | 5 | — | 13 |
| Flat Feet | 3 | 15 | 3 |
| Cleft Palate | — | 1 | — |
| Other conditions | 49 | 37 | 26 |

After being seen by the Orthopædic Surgeon, treatment is provided as follows:—

For in-patients—at the Holland County Emergency Hospital, Boston, or in special out-county hospitals.

For out-patients—at the special department of the Holland County Emergency Hospital, at the Bargate Physiotherapy Centre, Boston, the Physiotherapy Centre, Spalding, or in the homes of the patients.

The Council has two well-equipped physiotherapy centres, one at Bargate, Boston, and the other at Holland House, Spalding. Each is in the charge of a qualified physiotherapist and provides electrical, massage, and light treatment. These centres constitute valuable additions to the work of the physiotherapy departments of the hospitals.

MENTAL DEFICIENCY ACTS, 1913-1938.

ASCERTAINMENT.—The number of cases on the register on 31st December, 1947, was 357, which gives an ascertainment figure of 3.57 per 1,000 of the population.

The following table sets out the position on 31st December, 1947.

| In Certified Institutions:— | Males. | Females. | Total. |
|-------------------------------------|--------|----------|--------|
| Under 16 years of age | 18 | 7 | 25 |
| Age 16 years and over | 43 | 66 | 109 |
| On Licence from Institutions | 9 | 6 | 15 |
| Under guardianship | 1 | — | 1 |
| Under Statutory Supervision | 97 | 89 | 186 |
| Under Voluntary Supervision | 10 | 11 | 21 |

Under the provisions of the Education Act, 1944 the Education Authority notified 10 cases during the year to the Mental Deficiency Acts Committee, namely:—

| | Males. | Females. | Total. |
|-----------------------------|--------|----------|--------|
| Under Section 57 (3) | 5 | 4 | 9 |
| Under Section 57 (5) | 1 | — | 1 |

CERTIFICATION.—Seven petitions were presented and an order for institutional care was made in each case.

STATUTORY SUPERVISION.—Ten new cases were placed under statutory supervision.

MENTAL TREATMENT ACT, 1930.

There is a regular weekly clinic at the Lincoln County Hospital for early mental cases.

The Bracebridge Mental Hospital admitted five “voluntary” and 1 “temporary” patients during the year.

RATS AND MICE (DESTRUCTION) ACT, 1919.

There is no change to report. With the exception of the Spalding Rural District Council, who refuse to accept delegation, the powers have been delegated by the County Councils to the District Councils.

CIVIL NURSING RESERVE.

Although this service was still in existence at the close of 1947, a further decline was noted. A small number have continued in full-time work and others who could devote all their time to nursing have become permanent members of hospital staffs. Part-time members have many urgent demands on their time and, with some exceptions, this section of the register could be written off. At the end of the year the register of personnel was as follows:—

| | Mobile Whole-time. | Immobile Whole-time. | Immobile Part-time. |
|----------------------------|-----------------------|-------------------------|------------------------|
| Trained nurses | — | — | 2 |
| Assistant nurses | 4 | 4 | 5 |
| Nursing auxiliaries | 2 | 13 | 76 |

LABORATORY FACILITIES.

The County Council Laboratory at Boston continued to work at full capacity throughout the year, and, in addition to tests carried out in connection with the County health services, the facilities were available for private practitioners, hospitals, and local authorities within the County area. As an adjunct, serum tests (Wassermann, Kahn, etc.) were done at the Grimsby Laboratory and advantage was also taken of the Public Health Laboratory at Lincoln as and when necessary. To co-ordinate the County Laboratory with the Government's Emergency Laboratory Service, the arrangements were continued by which the Pathologist from Lincoln attended for one session weekly at Boston.

The following table shows the scope of the work undertaken in the County Laboratory during the year.

| Nature of Test. | Number of Tests performed. |
|---|----------------------------|
| Smears and deposits for Tubercle bacilli | 432 |
| Cultures for Tubercle bacilli | 123 |
| Biological Tests for Tubercle bacilli | 39 |
| Throat Swabs | 232 |
| Cultures, Various | 436 |
| Cultures for Typhoid Dysentery Group Organisms | 69 |
| Blood Cultures | 2 |
| Cultures for Gonococci | 49 |
| Smears for Gonococci | 262 |
| Designated Milks | 66 |
| Blood Counts | 624 |
| Urea Estimation blood or urine | 100 |
| Blood Sugar estimations | 53 |
| Waters | 44 |
| Fractional test meals | 40 |
| Cerebro-spinal fluid | 58 |
| Widal agglutinations for separate organisms ... | 147 |
| Occult Blood | 14 |
| Vaccines | 5 |
| Blood Grouping and Cross Matching | 59 |
| Hair and Skin Examinations | 3 |
| Other tests | 39 |
| | <hr/> 2896 <hr/> |

WELFARE OF THE BLIND.

The Committee of the Boston and Holland Blind Society acts on behalf of the County Council for the administration of blind welfare throughout the County. The report shows that 4 children are at Special Schools, and there are 14 registered home workers. The Secretary and Home Teacher paid 3,981 home visits; 88 necessitous blind persons, with their dependents received regular grants of domiciliary assistance. A comparison of the tables below show how greatly the incidence of blindness in young people has been reduced.

The Home at Boston for blind women which belongs to the Society has accommodation for 16 residents, and was fully occupied during the year.

On March 31st, 1948, the number of registered blind persons was 156, a decrease of 2 on last year's figure.

| | Male. | Female. | Total. |
|-----------------------------|-------|---------|--------|
| New cases registered | 12 | 8 | 20 |
| Deaths | 7 | 8 | 15 |
| Transfers in | 1 | 1 | 2 |
| Transfers out | 2 | 2 | 4 |

TABLE I.

TABLE II.

Summary of present age periods. Age at which blindness occurred

| Age | Male | Female | Total | Age | Male | Female | Total |
|-------------|------|--------|-------|-------------|------|--------|-------|
| 0—1 | — | — | — | 0—1 | 10 | 10 | 20 |
| 1—5 | — | 1 | 1 | 1—5 | 2 | 4 | 6 |
| 5—16 | 1 | 1 | 2 | 5—10 | — | 1 | 1 |
| 16—21 | 4 | — | 4 | 10—20 | 1 | 2 | 3 |
| 21—40 | 10 | 9 | 19 | 20—30 | 6 | 6 | 12 |
| 40—50 | 3 | 7 | 10 | 30—40 | 6 | 4 | 10 |
| 50—65 | 19 | 14 | 33 | 40—50 | 9 | 7 | 16 |
| 65—70 | 9 | 10 | 19 | 50—60 | 13 | 13 | 26 |
| 70 and over | 29 | 39 | 68 | 60—70 | 12 | 10 | 22 |
| | | | | 70 and over | 16 | 24 | 40 |
| <hr/> | | | | <hr/> | | | |
| | 75 | 81 | 156 | | 75 | 81 | 156 |
| <hr/> | | | | <hr/> | | | |

HOLLAND COUNTY EMERGENCY HOSPITAL, BOSTON.

The following is a statement of cases admitted during the year:

In-patients.

| | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| Service patients | ... | ... | ... | ... | ... | ... | ... | ... | 20 |
| E.M.S. cases | ... | ... | ... | ... | ... | ... | ... | ... | 94 |
| Pulmonary Tuberculosis | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| Non-pulmonary Tuberculosis | ... | ... | ... | ... | ... | ... | ... | ... | 24 |
| County Orthopædic cases (M. and C.W. Scheme) | ... | ... | ... | ... | ... | ... | ... | ... | 26 |
| „ „ „ (School Medical Service) | ... | ... | ... | ... | ... | ... | ... | ... | 100 |
| Boston „ „ (M. and C.W. Scheme) | ... | ... | ... | ... | ... | ... | ... | ... | 14 |
| General Orthopædic cases | ... | ... | ... | ... | ... | ... | ... | ... | 170 |
| General Hospital cases | ... | ... | ... | ... | ... | ... | ... | ... | 107 |
| | | | | | | | | | <hr/> 560 <hr/> |

Out-patients.

| | | | | |
|------------------------|-----|-----|-----|-------------------|
| Massage Department | ... | ... | ... | 3,984 attendances |
| X-Ray „ | ... | ... | ... | 2,195 „ |
| Plaster „ | ... | ... | ... | 257 „ |
| Examinations (various) | ... | ... | ... | 1,708 „ |

WYBERTON WEST HOSPITAL, BOSTON.

109 patients were admitted to the general wards, as follows:—

| | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|----|
| E.M.S. patients | ... | ... | ... | ... | ... | ... | ... | 1 |
| Pulmonary tuberculosis | ... | ... | ... | ... | ... | ... | ... | 23 |
| Non-pulmonary tuberculosis | ... | ... | ... | ... | ... | ... | ... | 2 |
| Orthopædic conditions (children under school age) | ... | ... | ... | ... | ... | ... | ... | 1 |
| „ (adults) | ... | ... | ... | ... | ... | ... | ... | 4 |
| General medical | ... | ... | ... | ... | ... | ... | ... | 68 |
| Other conditions | ... | ... | ... | ... | ... | ... | ... | 10 |

Reference to the maternity unit of this hospital will be found in the appropriate section of this report.

CHILDREN'S HOSPITAL, FREISTON, NR. BOSTON.

Admissions were as follows during 1947:—

| | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Primary tuberculosis | ... | ... | ... | ... | ... | ... | ... | ... | 7 |
| Orthopædic conditions | ... | ... | ... | ... | ... | ... | ... | ... | 6 |
| Marasmus | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| Diabetes | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| Pneumonia, bronchitis, asthma | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| Cervical glands | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Skin diseases | ... | ... | ... | ... | ... | ... | ... | ... | 13 |
| Debility | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| Chorea | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Malnutrition | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Pink's Disease | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| Rheumatic fever | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Hemiplegia | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Pyloric stenosis | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Minor ailments and observation cases | ... | ... | ... | ... | ... | ... | ... | ... | 19 |
| 12 children were in the hospital at the end of the year. | | | | | | | | | |

HOLBEACH EMERGENCY HOSPITAL.

During the year 1947 the hospital services were carried on without interruption. Miss T. Coxon commenced her duties as Matron on January 20th, and in December a Night Sister was appointed who is also a fully qualified midwife. The Maternity Unit has thus had its full complement of three midwives for the first time since October, 1945. The appointment of an additional sister for day duty brought the quota of qualified nursing staff up to the number employed in 1942, thus enabling some very satisfactory work to be done.

On April 1st, Mr. C. Maclay, F.R.C.S. joined the staff as additional surgeon. His appointment has enabled more surgical work to be undertaken.

During the year a total of 752 cases were admitted to the general wards, including 574 surgical conditions and 178 medical cases. The surgical admissions included 171 ear, nose and throat cases, 84 gynaecological cases, 60 abdominal operations and 94 accidents of various kinds. 406 operations were performed upon in-patients, 1,816 out-patient attendances were recorded, 909 X-rays were taken and 573 attendances were made in the massage department. Since the opening of the hospital in 1941 over 5,000 in-patients have been admitted.

MILK (SPECIAL DESIGNATIONS) ORDERS, 1936-38.

At the beginning of 1947, 18 accredited producers applied for renewal of their licences and these were granted. During the year 3 licences expired, the number of accredited producers remaining on the register at the end of the year being 15.

VENEREAL DISEASES.

The number of new recent infections which attended for the first time for treatment at the County Clinics compares with figures obtaining in 1940 to 1947 as follows:—

| | | | | | Spalding. | Boston. |
|-----------|-----|-----|-----|-----|-----------|---------|
| Year 1940 | ... | ... | ... | ... | 17 | 26 |
| „ 1941 | ... | ... | ... | ... | 17 | 26 |
| „ 1942 | ... | ... | ... | ... | 16 | 26 |
| „ 1943 | ... | ... | ... | ... | 25 | 26 |
| „ 1944 | ... | ... | ... | ... | 17 | 43 |
| „ 1945 | ... | ... | ... | ... | 14 | 33 |
| „ 1946 | ... | ... | ... | ... | 21 | 54 |
| „ 1947 | ... | ... | ... | ... | 9 | 65 |

The above figures only apply to persons normally resident in the County.

Abstract relating to Holland patients treated at the Venereal Diseases Treatment Centres.

| | Boston | Spalding | Peterborough | Lynn | Total |
|---|--------|----------|--------------|------|-------|
| A—Number of persons dealt with for the first time and found to be suffering from— | | | | | |
| Syphilis | 25 | 6 | — | 1 | 32 |
| Soft Chancre .. | 1 | — | — | — | 1 |
| Gonorrhoea .. | 39 | 3 | — | — | 42 |
| Conditions other than Venereal | 59 | 21 | 2 | 1 | 83 |
| Total | 124 | 30 | 2 | 2 | 158 |
| B—Attendances of all patients | 2042 | 345 | 4 | 27 | 2418 |

Cases requiring institutional treatment have been dealt with in the Scarthoe Road Institution, Grimsby. 9 cases were so dealt with, the aggregate number of in-patient days being 339.

TUBERCULOSIS.

NOTIFICATIONS.—In 1947, 48 cases of pulmonary tuberculosis and 16 cases of non-pulmonary tuberculosis were notified. In addition, 16 cases of pulmonary and 10 cases of non-pulmonary tuberculosis came to the notice of the Tuberculosis Officer otherwise than by formal notification.

DEATHS.—The number of deaths from pulmonary tuberculosis was 36, compared with 21 in 1946, and from non-pulmonary tuberculosis 7, as compared with 11 in the previous year. The death rates were 0.36 for pulmonary and 0.07 for non-pulmonary tuberculosis per 1,000 of the population. The death rate, although higher than for 1946, was lower than in 1939.

DISPENSARIES.—There was no alteration in the dispensary arrangements. Sessions are held at the Boston dispensary on Wednesday afternoons and Friday mornings, and at Spalding on the 1st and 3rd Tuesday afternoons. The Tuberculosis Officer also attends every Monday at the Johnson Hospital. In addition, special appointments are given when patients are unable to attend the routine clinics. The total number of dispensary attendances was 2,352. A large number of domiciliary visits have also been made.

RADIOGRAPHY.—The number of X-ray examinations was 2,451, an increase of 414 on the previous year. The distribution of this work was as follows:—

| | | Pul. Tb. including suspects | Contacts. | Total. |
|----------|--------|--------------------------------|-----------|--------|
| Boston | | 1688 | 243 | 1931 |
| Spalding | | 162 | 58 | 220 |
| Holbeach | | 190 | 110 | 300 |

ARTIFICIAL PNEUMOTHORAX CLINIC.—658 refills were given during the year for cases of artificial pneumothorax, extra-pleural pneumothorax and pneumo-peritoneum. 677 screenings were done to control the degree of collapse.

ARTIFICIAL LIGHT TREATMENT.—This has been carried out, as in previous years, at the Holland County Emergency Hospital and the Bargate Physiotherapy Centre, Boston. The conditions treated are skin tuberculosis, cervical adenitis, and general debility in children.

TUBERCULOSIS VISITING.—The whole-time tuberculosis health visitor, who also acts as dispensary nurse, paid 2,412 home visits during the year.

OPEN-AIR SHELTERS.—An average of 25 shelters has been in use during the year. This has been a valuable aid to treatment and a means of preventing infection when accommodation has been limited.

PATHOLOGICAL SPECIMENS.—The number of sputum tests carried out for the detection of tubercle bacilli was 432. In addition, 123 cultures were grown and 39 biological tests were made. 116 specimens were found to contain tubercle bacilli.

INSTITUTIONAL TREATMENT.—The need for more institutional accommodation has been a pressing one for some years, and no solution is yet in sight. Out-County beds have been secured as and when possible and use has been made of chalets at Wyberton West Hospital. 5 pulmonary cases were admitted to the Holland County Emergency Hospital and 7 to the Children's Hospital, Freiston. 37 patients suffering from pulmonary tuberculosis were admitted to out-county sanatoria. 24 non-pulmonary cases were admitted to the Holland County Emergency Hospital, 2 to Wyberton West Hospital and 1 to out-county institutions.

FINANCIAL ALLOWANCES.—The scheme for the payment of maintenance allowances on the lines laid down by the Ministry of Health has functioned satisfactorily. The position was as follows:—

| | |
|---|----|
| Number of cases on allowances 1/1/1947 | 24 |
| New applications granted during year | 21 |
| Allowances discontinued during year | 23 |
| Cases on allowances 31/12/1947 | 22 |

The cost of this service during the year ended 31st March, 1948 was £1,506/5/-.

TRANSPORT FACILITIES.—The practice has been continued of utilising the County Transport service to bring cases to the chest clinic at the Holland County Emergency Hospital, Boston for diagnosis or for artificial pneumothorax refills.

SPECIALIST SERVICES.—Specialist services have been called upon as and when required by the Tuberculosis Officer.

CARE WORK.—The Holland Care Committee has completed 13 years' care work on behalf of the County Council in the interests of tuberculous patients and their families. Regular monthly meetings have been held at which the Tuberculosis Officer and Tuberculosis health visitor have attended. During the year approximately 140 cases were brought to the notice of the Committee. Milk allowances, amounting to an average of 566 gallons monthly, were made to 104 families. Other help given included money grants, clothing, bedding, drugs and dressings, and payment of fares. Expenditure amounted to £1,352, an increase of £600 on the previous year. Financial stability was, however, maintained owing to the record Seal sale result, which was again organised by Mrs. A. Clift, and which raised approximately £700.

The following table shows since 1940 the new cases of tuberculosis notified each year in the administrative County together with the case-rate per 1,000 of the population.

| Year. | Notifications. | | | Case-rate per 1,000 of the population. | | |
|-------|----------------------------|------------------------------------|------------------------------|--|------------------------------------|------------------------------|
| | Pulmonary Tuberculosis. | Non- Pulmonary Tuberculosis. | Tuberculosis (all forms). | Pulmonary Tuberculosis. | Non- Pulmonary Tuberculosis. | Tuberculosis (all forms). |
| 1940 | 45 | 27 | 72 | .46 | .27 | .74 |
| 1941 | 41 | 27 | 68 | .43 | .29 | .71 |
| 1942 | 65 | 33 | 98 | .68 | .35 | 1.03 |
| 1943 | 52 | 26 | 78 | .56 | .28 | .84 |
| 1944 | 69 | 20 | 84 | .75 | .22 | .91 |
| 1945 | 73 | 30 | 103 | .79 | .32 | 1.11 |
| 1946 | 60 | 22 | 82 | .62 | .23 | .85 |
| 1947 | 48 | 16 | 64 | .49 | .16 | .65 |

The table which follows shows the number of deaths registered and the death rates recorded during the years 1940 to 1947 in the administrative County.

| Year. | Deaths. | | | Death rate per 1,000 of the population. | | |
|-------|----------------------------|------------------------------------|------------------------------|---|------------------------------------|------------------------------|
| | Pulmonary Tuberculosis. | Non- Pulmonary Tuberculosis. | Tuberculosis (all forms). | Pulmonary Tuberculosis. | Non- Pulmonary Tuberculosis. | Tuberculosis (all forms). |
| 1940 | 42 | 11 | 53 | .43 | .12 | .55 |
| 1941 | 27 | 8 | 35 | .28 | .07 | .35 |
| 1942 | 28 | 13 | 41 | .30 | .14 | .44 |
| 1943 | 23 | 6 | 29 | .25 | .07 | .33 |
| 1944 | 24 | 15 | 39 | .27 | .16 | .45 |
| 1945 | 33 | 13 | 46 | .36 | .14 | .56 |
| 1946 | 21 | 11 | 33 | .22 | .11 | .34 |
| 1947 | 36 | 7 | 43 | .36 | .07 | .44 |

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

Part I.—Summary of Notifications during the period 1st Jan., 1947, to the 31st Dec., 1947 in the area of the County of Lincolnshire (Holland).

| AGE PERIODS | Formal Notifications | | | | | | | | | | | | |
|------------------------------------|--|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|----------|--|
| | Number of Primary Notifications of new cases of tuberculosis | | | | | | | | | | | | |
| | 0 to 1 | 1 to 5 | 5 to 10 | 10 to15 | 15 to20 | 20 to25 | 25 to35 | 35 to45 | 45 to55 | 55 to65 | 65 | Total | |
| Pulmonary— Males Females | — — | — — | — 1 | — — | 5 4 | 9 5 | 9 2 | 4 — | 3 2 | 1 2 | — 1 | 31 17 | |
| Non-Pulmonary— Males Females | — — | 3 1 | — 1 | 1 3 | — 1 | 1 1 | 1 1 | 1 1 | — — | — — | — — | 7 9 | |

Part II.—Supplemental Return.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above mentioned period, otherwise than by formal notification.

| | | | | | | | | | | | | |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Pulmonary— Males Females | — — | — — | — 2 | — 1 | — — | 3 5 | 3 — | — 1 | 1 — | — — | 7 9 | |
| Non-Pulmonary— Males Females | 1 1 | 2 1 | 1 — | — — | — — | — 1 | 1 — | — — | — — | — — | 5 5 | |

TUBERCULOSIS.

Return showing the work of the Dispensaries during the year 1947.

| Diagnosis. | Pulmonary | | | | | | Non-Pulmonary | | | | | | Total | | | | | | Grand Total |
|---|-----------|----|--|----------|----|--|---------------|----|--|----------|----|--|--------|-----|--|----------|----|--|----------------|
| | Adults | | | Children | | | Adults | | | Children | | | Adults | | | Children | | | |
| | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | |
| A—Number of definite cases on Register at beginning of year | 101 | 92 | | 11 | 14 | | 18 | 15 | | 27 | 40 | | 119 | 107 | | 38 | 54 | | 318 |
| Inward transfers | 3 | 4 | | — | 1 | | — | 1 | | — | — | | 3 | 5 | | — | 1 | | 9 |
| Lost sight of cases returned | — | 1 | | — | — | | — | — | | — | — | | — | 1 | | — | — | | 1 |
| B—Number of new cases diagnosed during the year. | | | | | | | | | | | | | | | | | | | |
| Class T.B. minus | 9 | 8 | | 1 | 1 | | — | — | | — | — | | 9 | 8 | | 1 | 1 | | 19 |
| Class T.B. plus | 24 | 7 | | — | 2 | | — | — | | — | — | | 24 | 7 | | — | 2 | | 33 |
| Non-Pulmonary | — | — | | — | — | | 3 | 3 | | 7 | 8 | | 3 | 3 | | 7 | 8 | | 21 |
| C—Number of cases in A and B written off during the year. | | | | | | | | | | | | | | | | | | | |
| Recovered | 22 | 19 | | — | 1 | | 11 | 11 | | 6 | 11 | | 33 | 30 | | 6 | 12 | | 81 |
| Dead (all causes) | 24 | 15 | | — | — | | — | 1 | | 3 | 2 | | 24 | 16 | | 3 | 2 | | 45 |
| Removed to other areas | 3 | 6 | | — | — | | 1 | — | | — | — | | 4 | 6 | | — | — | | 10 |
| For other reasons | 3 | 9 | | — | — | | 4 | 3 | | 2 | 1 | | 7 | 12 | | 2 | 1 | | 22 |
| D—Number of definite cases on Register at the end of the year | 85 | 63 | | 12 | 17 | | 5 | 4 | | 23 | 34 | | 90 | 67 | | 35 | 51 | | 243 |

CONSULTANT SERVICE.—The following are part-time appointments:—Orthopædic and Obstretic Surgeon—Mr. R. E. M. Pilcher, F.R.C.S.; Ophthalmic Surgeon—A. H. Briggs, M.Sc., M.B., Ch.B., D.P.M.S.; Aural Surgeon—M. Spencer Harrison, F.R.C.S. Physician—J. W. Brown, M.D., B.S., M.R.C.P. Skin Diseases—E. C. Ritter, M.B., Ch.B., M.R.C.P.

AMBULANCE AND CAR SERVICE.—This service, which is administered by the Council's Transport Department, has been operated throughout the year mainly in connection with the Council's own hospitals and clinics.

PROPAGANDA.

Progress in connection with the publicity of the County Health Services has been maintained. Mr. Whelbourn reports:—

The Council's Infant Welfare Centres have, throughout the year, carried adequate supplies of literature giving warning against the dangers of disease, and the Clinics have displayed attractive posters on health subjects.

Large sectional posters were displayed on our outdoor publicity boards, and these carried graphic messages concerning the health of children, such as "Don't neglect measles"—"Diphtheria can be avoided"—"Let them sleep and grow strong."

The monthly publication of the Central Council for Health Education "Better Health" was distributed regularly to all schools in the county.

The advisability of immunisation of children against diphtheria was continually stressed. The acceptance by means of the Business Reply Card, for which a licence was obtained as part of our propaganda, proved successful. On two occasions during the year we have received invaluable help from the Manager of the Boston Odeon Theatre. When the one minute "trailer" film in support of the immunisation campaign was shown at this theatre, the manager allowed double crown posters to be displayed in the foyer and literature was available at the Box Office. Similarly when the film "So Well Remembered" was shown at the same theatre we were allowed to display double crown posters in the foyer and lounge and acceptance literature was also available to patrons. This film was shown four times daily for six days, and it is estimated that nearly 16,000 people saw it.

The Home Help Service which was started in the County during the year necessitated much publicity. A pamphlet entitled "A Woman's Place" was written and distributed from the Infant Welfare Centres, the offices of the Women's Voluntary Service in Spalding, and the local offices of the Ministry of Labour and National Service. Advertisements were inserted in the local Press and a public meeting was held in Spalding under the auspices of the Women's Voluntary Service. As soon as the service was in being the Press gave publicity to the scheme, carrying photographs of Home Helps in the Spalding and Boston area.

A new service invariably encounters difficulties in the early stages, and of these in the Home Help Service the greatest was to guide the publicity carefully so that the supply did not exceed the demand and vice-versa. Credit for the successful organisation of the Home Help Service in Spalding area is due to Mrs. Myers and Miss Bain of the Women's Voluntary Service.

APPENDIX I

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND) COUNTY COUNCIL UNDER SECTION 22 OF THE NATIONAL HEALTH SERVICE ACT, 1946.

(as approved by the Minister of Health).

CARE OF MOTHERS AND YOUNG CHILDREN.

PART I.

GENERAL STATISTICAL DATA.

1. Total mid-1946 population of the Authority's area 97,000
Estimated population — September, 1947 (Registrar-General) 100,000
2. Total mid-1946 number of children under 5 in the
Authority's area 8,340
3. Number of registered live births in the Authority's area,
legitimate and illegitimate:—

| | 1945 | 1946 |
|--------------|--------------|--------------|
| Legitimate | 1,609 | 1,815 |
| Illegitimate | 175 | 162 |
| | <u>1,784</u> | <u>1,977</u> |

EXISTING SERVICE—The following are the present arrangements for the care of expectant and nursing mothers and young children in the area.

A. Ante-Natal Clinics.

- (i) Number of Clinic premises 9
(Boston, Spalding, Holbeach, Sutton Bridge,
Swineshead, Kirton, Wrangle, Crowland and
Donington).
- (ii) Number of expectant mothers who attended in 1946 852
- (iii) Number of sessions held weekly 10

B. Post-Natal Clinics.

There are no special sessions for post-natal cases but such patients may be seen, if desired, at the routine welfare sessions at the 10 Centres. The number of women seen during 1946 was 49.

C. Arrangements with general practitioners.

No arrangements are operative for ante-natal and post-natal examinations by general practitioners. In cases of medical aid, any medical practitioner named by the patient or liable relative may be called in.

D. Child Welfare Clinics.

- (i) Number of clinics 10
(Boston, Spalding, Holbeach, Donington, Crowland,
Kirton, Long Sutton, Sutton Bridge, Swineshead,
Wrangle).
- (ii) Number of sessions held weekly 15

E. Day Nurseries.

- (i) There are 2 Day Nurseries — one in Boston administered by the Borough Council, and one at Spalding, belonging to the County Council.
- (ii) Number of places for children 100
(Each Nursery has 50 approved places).

- F. **Residential Nurseries** None
- G. **Mother and baby homes** None

Arrangements are in operation for mothers expecting illegitimate children to be admitted to the Quarry, Lincoln (administered by the Lincs. Diocesan Moral Welfare Association), where they remain for a period of 16 weeks.

H. **Dental Treatment** given in 1946 (including the Borough of Boston).

- | | |
|---|----|
| (i) To expectant or nursing mothers | 24 |
| (ii) To children under 5 | 31 |

In the County area for maternity and child welfare and in Boston, the practice is for cases to be treated by the County Council dentists; if, however, dentures are required, arrangements are in force for the treatment, including the provision of dentures, to be given by private dentists.

36 cases received treatment during 1946 by the County dentists, the treatment given being 8 fillings, 94 extractions, and 9 other forms of treatment. General anaesthetics were administered in 31 cases.

17 adults who required dentures were referred to and treated by private dentists under the Authority's arrangements.

Radiography was available but was not necessary in any of the above cases.

PART II.

DESCRIPTION OF THE SERVICE WHICH IT IS PROPOSED TO OPERATE ON THE APPOINTED DAY.

A. **General arrangements.**

1. **Administrative arrangements.**

The administrative arrangements will continue, as at present, to be under the control of the County Medical Officer, and arrangements will be made for a doctor and nurse to be in attendance at each ante-natal, post-natal, or child welfare session. With the provision of transport for mothers and children in the remote areas, it is considered that the existing services will be generally adequate with the exception of facilities for dental treatment which it is hoped to improve by the appointed day.

2. No joint arrangements are contemplated with other Local Health Authorities.

3. It is proposed to continue the arrangements with the Lincolnshire Diocesan Moral Welfare Association for the accommodation of mothers and babies (illegitimate) at the Quarry Maternity Home, Lincoln.

4. **Liaison with other Bodies.**—It is proposed in conjunction with the Regional Hospital Board to secure proper co-ordination between the Council's arrangements for the care of mothers and young children with the hospital and specialist services. Arrangements will be agreed with the Regional Hospital Board for:—

- (a) the booking of cases in attendance at ante-natal clinics who desire admission to maternity hospitals or homes, and for the transfer of records between clinic and hospital.

(These cases are at present accommodated in the Holbeach and Wyberton West Hospitals Maternity Units, at Boston General Hospital, at the Myntling Home, Spalding, and at Wisbech Maternity Home, and it is estimated that there will be approximately 1,000 cases annually).

- (b) specialist orthopaedic treatment to be provided in the Local Health Authority's orthopaedic centres, and with the local ad hoc professional committee for
- (c) the drawing up of an approved list of "general practitioner obstetricians" for giving ante-natal and post-natal care and to be present, if necessary, at confinements.

B. Particular arrangements which it is proposed to operate on the appointed day.

1. Clinics.

- (a) **Ante-natal clinics** will be held at Boston, Spalding, Swineshead, Holbeach, Sutton Bridge, Kirton, Wrangle, Crowland, and Donington Centres. There will be 9 ante-natal sessions each week.
- (b) **Post-natal clinics.**—There are 10 welfare centres and post-natal cases may be seen, if necessary, at any of the weekly sessions.
- (c) **Infant Welfare Centres.**—Infant Welfare sessions will be held at the Boston, Spalding, Holbeach, Donington, Crowland, Kirton, Long Sutton, Sutton Bridge, Swineshead and Wrangle Welfare Centres.

The total number of sessions to be held weekly will be 15.

2. Care of Premature Infants.

- (a) Arrangements will be made to provide on loan adequate and suitable equipment in the home.
- (b) Special attention to the babies will be given by midwives or health visitors.
- (c) Arrangements will be agreed with the Regional Hospital Board for the admission of premature babies to hospital when necessary.
(Such cases are at present admitted to the Holbeach Emergency Hospital, the Wyberton West Hospital, or the Boston General Hospital).
- (d) Special transport and equipment will be provided for the conveyance of premature babies to hospital.
- (e) Close liaison will be maintained with the hospital in order that infants may be followed up on discharge.
- (f) The services of a home help will be made available so far as staff permits.

3. Dental Care.

- (a) Dental treatment will be provided for expectant and nursing mothers, and for young children, by the County dental staff. Emphasis will be laid on conservative treatment.
- (b) The number of County dentists so employed will be three (part-time), and the dentists will deal with these cases at the close of the normal treatment sessions for school children.
- (c) The total equivalent in time spent on this work will be approximately 2 sessions weekly.
- (d) All forms of dental treatment, including dentures where necessary, will be provided by the Authority's dental officers. All dentures will be made in the Authority's own dental workshop, or by mechanics to the profession or, if the dental officer concerned is a part-time officer of the Authority, by any mechanic employed by him in his private practice.

4. **Supply of Welfare Foods.**

The Council propose to distribute, by arrangement with the Ministry of Food, those welfare foods which are included in the Government's Welfare Foods Scheme, and to arrange for other welfare foods to be supplied where the welfare of expectant or nursing mothers or young children so requires.

5. **Provision of maternity outfits.**—The issue of maternity outfits will operate through the County Health Department.

6. **Nursery Provision.**

(a) On the appointed day, the two Day Nurseries, one at Boston and one at Spalding, each with 50 places, will continue to function.

(b) Residential Nurseries. — No residential nursery will be in operation on the appointed day.

(c) No arrangements are proposed for other forms of provision for the care of children, such as registered daily guardians, and creches or infant welfare centres and none will therefore be in operation.

7. **Care of unmarried mothers and their children.** — The present arrangements whereby such cases are dealt with by the District Officer of the Lincs. Diocesan Moral Welfare Association will be continued in close collaboration with the County health visiting staff. The accommodation available at the Quarry Maternity Home, Lincoln, will also be utilised as at present.

8. **Health Education.**—As part of its arrangements for the care of expectant and nursing mothers and of children who have not attained the age of five years and are not attending primary schools maintained by a Local Education Authority, the Local Authority proposes to develop, as opportunity permits, a comprehensive health education programme which will provide instruction in the content, principles, methods and practice of health education to such persons as child welfare medical officers, health visitors, midwives, home nurses and domestic helpers and, in addition to give to parents information concerning all aspects of child health. For this purpose the Authority proposes to use the appropriate services, material and advice available from the Central Council for Health Education or from other sources.

PART III.

DEVELOPMENT PLAN.—Arrangements will be made, so far as circumstances permit for the development of the service on the following basis:—

1. Expansion of the dental service to permit of the examination by a dentist of every expectant mother following her first attendance at the ante-natal clinic, the periodical examination of children, including those in day nurseries, up to the time they come under the care of the school dental service, and the provision of such treatment as may be necessary. (To operate by 1st April, 1949).
2. Provision by 1st April, 1949, of special consultative clinics.
3. Arrangements with Regional Hospital Board for ante-natal officers of the Local Health Authority to obtain and maintain experience by attendance at obstetric units. (To operate by 1st October, 1948).
4. Provision of a residential nursery by 1st April, 1950. It is intended that this nursery shall be provided in discharge of the duty placed on the County Council by the Children Act, 1948, and shall be administered in the manner provided in that Act and the Regulations made thereunder.
5. Expansion of existing facilities to provide a complete service for the care of premature infants treated at home. (To operate by 1st January, 1949).

APPENDIX II

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND) COUNTY COUNCIL UNDER SECTION 23 OF THE NATIONAL HEALTH SERVICE ACT, 1946.

(As approved by the Minister of Health).

MIDWIVES SERVICE.

PART I.

STATISTICAL DATA.

| | |
|---|---------|
| Mid-1946 population | 97,000 |
| Estimated population—September, 1947 | 100,000 |
| Number of domiciliary births in the County, including the Borough of Boston. | |
| (a) 1945 | 1,023 |
| (b) 1946 | 1,127 |

Existing Service.

The following districts are served by midwives employed directly by the County Council:—

- (a) the Borough of Boston with the adjoining rural parishes of Wyberton and Fishtoft—4 midwives.
- (b) Sutton St. James, Tydd St. Mary and Sutton St. Edmunds — 1 midwife.

The remainder of the County has hitherto been served through the District Nursing Associations to whom grants are made by the County Council in respect of midwifery services rendered by the district nurse-midwives employed by those Associations. Grants are also made to the Lincolnshire County Nursing Association for supervisory work, the provision of relief midwives, and to cover the cost of regular post-certificate training of practising midwives.

The number of district associations so utilised was originally 19, as shown in the following list, but it will be noted that 2 of these associations have ceased to function, and, as a result, maternity cases in those areas have either to be admitted to maternity homes or have to rely on the midwife of a neighbouring Association.

| District Association | Number of Midwives. |
|--|---------------------|
| Benington, Butterwick, Freiston and Leverton .. | 1 part-time. |
| Crowland | 1 ditto |
| Donington, Bicker and Quadring | 1 ditto |
| Gedney, Fleet and Holbeach St. John's | 1 ditto |
| Gedney Dyke, Drove End, Dawsmere and Lutton .. | 1 ditto |
| Gosberton and Surfleet | 1 ditto |
| Holbeach | 1 ditto |
| Holbeach Bank, Saracen's Head and District .. | 1 ditto |
| Kirton and Frampton | 1 ditto |
| Leake and Wrangle | 1 ditto |
| Long Sutton | 1 ditto |
| Moulton, Weston and Whaplode | 1 ditto |
| Moulton Chapel, Whaplode St. Catherine's and Weston Hills | 1 ditto |
| Pinchbeck | 1 ditto |
| Spalding and District (with Deeping St. Nicholas) | 4 ditto |
| Sutton Bridge | 1 ditto |
| Swineshead and district | 1 ditto |
| Gedney Hill, Whaplode Drove and District | Discontinued |
| Sutterton, Algarkirk and Fosdyke | Discontinued |

PART II.

DESCRIPTION OF THE SERVICE WHICH WILL OPERATE ON THE APPOINTED DAY.

1. GENERAL ADMINISTRATIVE ARRANGEMENTS.

- (a) The County Council are anxious to retain the co-operation of those district nursing associations willing to function under the new arrangements. They, therefore, propose to accept full financial responsibility. The arrangements will be based on the following plan:—

The Committee of each district association will act as Liaison Committee to look after the welfare of the district midwife and to keep the County Medical Officer informed of local needs.

Liaison Committees will be required to cover such areas as may be found convenient from time to time for the organisation and administration of the service, and be prepared to amalgamate if so desired by the Health Committee.

The salaries of midwives will be paid directly by the County Council.

Car allowances on the Council's scale will be paid directly by the County Council.

The County Council will be responsible for the provision and cost of such nurses' equipment and nursing requisites as may be required.

The County Council propose to negotiate with the District Nursing Associations for the purpose of taking over, if agreement can be reached, the assets of those associations, including housing accommodation of nurses, cars, and nursing requisites.

The general organisation of the areas shall be in the control of the County Medical Officer.

Detailed arrangements of duties, hours, leave of absence shall be controlled by a Superintendent of Nurses to be employed by the County Council.

- (b) The employment of midwives directly by the Council will be continued as required.
- (c) The County will be divided for organisation purposes into three districts, namely, Boston, Spalding and Holbeach. A superintendent shall be appointed for the whole area and an assistant superintendent in each area. The duties of an assistant superintendent will be partly administrative and partly clinical and she will be expected to undertake duty for district nurse-midwives on leave or absent owing to illness.

2. MIDWIVES EMPLOYED DIRECTLY BY THE COUNTY COUNCIL.

The Council propose in the first instance to employ directly:—

1 Nursing Superintendent and 3 assistant Superintendents, each devoting approximately half her time to midwifery work.

4 full-time midwives and 1 part-time midwife, the latter devoting approximately one-third of her time to midwifery.

The Council propose, if agreement can be reached, to employ on the terms set out in Paragraph 1, the district nurse-midwives now employed by the existing district associations.

This will involve the employment of 22 district nurse-midwives, the equivalent in terms of full-time midwifery service being 11.

3. OTHER LOCAL HEALTH AUTHORITIES.

No joint arrangement with any other Local Health Authority is contemplated.

4. **DIVISION OF COUNTY INTO AREAS.**—It is proposed to divide the County into three areas as follows:—

Boston Area.—An area covering the Borough of Boston, the Parishes of Fishtoft and Wyberton; the districts of the following Nursing Associations:—

Donington and District; Leake and Wrangle; Benington, Butterwick, Freiston and Leverton; Kirton and Frampton; Sutterton and Algarkirk; Swineshead and District.

The approximate staff will be 1 Assistant Superintendent, 4 full-time and 5 part-time midwives (equivalent to 3 full-time midwives).

Spalding Area. — An area covering the districts of the following Associations:—

Spalding and Deeping St. Nicholas; Pinchbeck; Gosberton and Surfleet; Moulton; Moulton Chapel and Cowbit; and Crowland.

The approximate staff will be 1 Assistant Superintendent and 9 part-time midwives (equivalent to 5 full-time midwives).

Holbeach Area.—An area covering the districts of the following Associations:—

Holbeach; Holbeach Bank; Gedney, Fleet and Holbeach St. John's; Gedney Dyke; Long Sutton; Sutton Bridge.

Also the districts of Tydd St. Mary, and Sutton St. James at present covered by a County Council midwife, and the districts of Sutton St. Edmunds, Gedney Hill and Whaplode Drove, now without the services of a midwife.

The approximate staff will be 1 Assistant Superintendent, 7 part-time midwives (equivalent to 3 full-time midwives).

A County Nursing Superintendent will be appointed to take general supervision over the whole area.

5. **SUPERVISION OF MIDWIVES.**—It is proposed to have both medical and non-medical supervisors. The medical supervision will be carried out by the County medical staff and the non-medical supervision by the Nursing Superintendent.
6. **TRANSPORT.**—It is considered desirable and, in most cases, imperative that each district midwife shall have a car for the transport of herself and equipment (including analgesia apparatus) to patients.
7. **ANALGESIA.**—The four midwives in the Boston area employed by the County Council each have a gas and air analgesia apparatus. It is proposed to extend this practice to all district midwives in the County as opportunity permits and arrangements will be made to send each midwife, who is not yet qualified in the administration of analgesia, to training courses for this purpose as the staffing position allows.

PART III.

DEVELOPMENT PLAN.

If it is found that the number of midwives provided for in the preceding part of the proposals is inadequate, additional midwives will be employed as needed and as they can be secured.

It is also proposed to establish a training school for Part 2 of the Certificate of the Central Midwives Board based on the Wyberton West and Holbeach Maternity Units in conjunction with the domiciliary midwifery service.

APPENDIX III

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND) COUNTY COUNCIL UNDER SECTION 24 OF THE NATIONAL HEALTH SERVICE ACT, 1946.

(As approved by the Minister of Health).'

HEALTH VISITING.

PART I.

STATISTICAL DATA.

| | |
|---|---------|
| 1. Area in square miles of Authority's area | 419 |
| 2. Total mid-1946 population | 97,000 |
| 3. Estimated population—September, 1947 | 100,000 |
| 4. Number of births in 1946 | 1,981 |

EXISTING SERVICE

Employed by the Boston Borough Council.

Number.

| | |
|---|--------------|
| Health Visitors for maternity and child welfare service | 2 full-time. |
|---|--------------|

These health visitors are engaged in infant health visiting, attendance at maternity and child welfare sessions, and the visitation of homes in connection with the prevention of infectious disease.

Employed by the County Council

| | |
|--|--------------|
| School nurses in the Borough of Boston | 2 full-time. |
|--|--------------|

These nurses deal with the normal routine work of a school health service, including inspections, treatment of minor ailments, and following-up in the homes.

| | |
|--|-------------|
| Tuberculosis health visitor for whole of the County .. | 1 full-time |
|--|-------------|

This health visitor undertakes the home visiting and attendance at dispensaries.

| | |
|---|--------------|
| Health Visitors and School Nurses (including 1 vacancy) | 10 full-time |
|---|--------------|

These are combined appointments, each nurse undertaking duties in connection with maternity and child welfare, school health service, immunisation, supervision of mental defectives, and the visitation of "nurse" and boarded-out children.

One nurse also undertakes a small amount of midwifery work which involves about one-third of her time.

Employed through the agency of other Bodies

Nil

PART II

DESCRIPTION OF THE SERVICE WHICH WILL OPERATE ON THE APPOINTED DAY.

GENERAL ADMINISTRATIVE ARRANGEMENTS.

1. It is proposed to continue the present arrangements in the first instance with the exception that the two health visitors employed by the Boston Borough Council will be transferred to the County staff. The County is divided into units suitable for each nurse and she will be responsible for the carrying out of duties in her own area.

A special health visitor for tuberculosis will be retained.

In the Borough of Boston, two of the four nurses will be engaged in school work only.

2. The full-time staff on the appointed day employed directly by the Council will be fifteen, including 2 full-time school nurses in Boston.
3. It is not proposed to enter into any agreements with voluntary organisations for the carrying out of health visiting duties, as the policy of the Council has always been to have such officers in their direct employment.
4. No joint arrangements with any other Local Health Authority are contemplated.
5. As the Health Visitor is to be charged with the duty of giving advice as to the care of young children, persons suffering from illness and expectant and nursing mothers, and as to the measures necessary to prevent the spread of infection, the Authority proposes to provide regular post-graduate training in the content, principles, methods and practice of health education for the health visitors employed by it; and to this end the Authority proposes to take advantage of the Vacation Schools and other courses of instruction arranged by such bodies as the Central Council for Health Education and of the health education material available from the Central Council or from other sources.

TRANSPORT

Except in the Borough of Boston, it is necessary for the health visitors to have cars. Each health visitor has her own private car and is paid mileage allowance on the Council's scale and it is proposed to continue this practice. In special cases, the Council will be prepared to consider the granting of loans for the purchase of cars.

PART III.

DEVELOPMENT PLAN.

The new Act requires the provision of health visitors for the purpose of giving advice as to:—

- (1) the care of young children;
- (2) the care of expectant or nursing mothers;
- (3) the care of persons suffering from illness, and
- (4) measures necessary to prevent the spread of infection.

A considerable amount of additional work will arise in consequence of (3) and (4) above, and the health visiting staff will need to be increased accordingly. It is therefore proposed to develop the scheme as circumstances permit by the appointment, before 1st April, 1950, of 4 additional full-time health visitors, bringing the full-time staff of nurses up to 19. If it is found that this number of health visitors is inadequate, additional health visitors will be employed as needed and as they can be secured.

APPENDIX IV

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND) COUNTY COUNCIL, UNDER SECTION 25 OF THE NATIONAL HEALTH SERVICE ACT, 1946.

(As approved by the Minister of Health).

HOME NURSING.

PART I.

| | | |
|---|---------|--------|
| 1. Area in square miles of Authority's area | | 419 |
| 2. Total mid-1946 population | | 97,000 |

PART II

DESCRIPTION OF THE SERVICE WHICH WILL OPERATE ON THE APPOINTED DAY.

GENERAL ADMINISTRATIVE ARRANGEMENTS.

1. (a) Hitherto the home nursing in the County has been done through the District Nursing Associations; in the Borough of Boston by 2 full-time nurses and, in the rest of the County, by 23 district nurses employed by 20 nursing associations part-time in home nursing and part-time in midwifery as follows:—

| District Association | Number of Nurses |
|---|------------------|
| Boston | 2 full-time |
| Benington, Butterwick, Freiston and Leverton | 1 part-time |
| Crowland | 1 „ |
| Donington, Bicker and Quadring | 1 „ |
| Gedney, Fleet and Holbeach St. Johns | 1 „ |
| Gedney Dyke, Drove End, Dawsmere and Lutton | 1 „ |
| Gosberton and Surfleet | 1 „ |
| Holbeach | 1 „ |
| Holbeach Bank, Saracen's Head and District | 1 „ |
| Kirton and Frampton | 1 „ |
| Leake and Wrangle | 1 „ |
| Long Sutton | 1 „ |
| Moulton, Weston and Whaplode | 1 „ |
| Moulton Chapel, Whaplode St. Catherines, and Weston Hills | 1 „ |
| Pinchbeck | 1 „ |
| Spalding and District (with Deeping St. Nicholas) | 4 „ |
| Ditto | 1 full-time |
| Sutton Bridge | 1 part-time |
| Swineshead and District | 1 „ |
| Sutterton, Algarkirk and Fosdyke | Discontinued |
| Gedney Hill, Whaplode Drove and District | Discontinued |

Two of these Associations covering the Gedney Hill, Whaplode Drove district and the Sutterton, Algarkirk and Wigtoft district, have been discontinued, thereby reducing the number of nurses to 21.

- (b) The County Council are anxious to retain the co-operation of those district nursing associations willing to function under the new arrangements. They therefore propose to accept full financial responsibility. The arrangements will be based on the following plan:—

The Committee of each district association will act as a Liaison Committee to look after the welfare of the district nurse and to keep the County Medical Officer informed of local needs. Liaison Committees will be required to cover such areas as may be found convenient from time to time for the organisation and administration of the service, and be prepared to amalgamate if so desired by the Health Committee.

The salaries of nurses will be paid directly by the County Council.

Car allowances on the Council's scale will be paid directly by the County Council.

The County Council will be responsible for the provision and cost of such nurses' equipment and nursing requisites as may be required.

The County Council propose to negotiate with the District Nursing Association for the purpose of taking over, if agreement can be reached, the assets of those associations, including housing accommodation of nurses, cars, and nursing requisites. The general organisation of the areas shall be in the control of the County Medical Officer.

Detailed arrangements of duties, hours, leave of absence shall be controlled by a Superintendent of Nurses to be employed by the County Council.

- (c) The County will be divided for organisation purposes into three districts, namely Boston, Spalding and Holbeach. A Nursing Superintendent shall be appointed for the whole area and an Assistant Superintendent in each area. The duties of an Assistant Superintendent will be partly administrative and partly clinical and she will be expected to undertake duty for district nurses on leave or absent owing to illness.

2. NURSES EMPLOYED DIRECTLY BY THE COUNCIL.

The Council propose in the first instance to employ directly:—

1 Nursing Superintendent and 3 Assistant Superintendents, each devoting approximately half of her time to district nursing work.

This will be the equivalent of two whole-time nurses.

The Council propose, if agreement can be reached, to employ on the terms set out in para. 1 (b) the district nurses now employed by the existing Nursing Associations; namely, 2 full-time and 22 part-time district nurses, the equivalent of 13 full-time nurses.

3. **OTHER LOCAL HEALTH AUTHORITIES.**—No joint arrangement with any other Health Authority is at present contemplated.

4. **DIVISION OF COUNTY INTO AREAS.**—It is proposed to divide the County into three areas as follows:—

Boston Area.—An area covering the Parishes of Fishtoft and Wyberton, and the Districts of the following Nursing Associations:—
Boston; Donington and District; Leake and Wrangle; Benington, Butterwick, Freiston and Leverton; Kirton and Frampton; Sutterton and Algarkirk; Swineshead and District.

The approximate staff will be 1 Assistant Superintendent (part-time), 2 full-time nurses and 4 part-time nurses (the latter equivalent to 2 full-time nurses).

Spalding Area. — An area covering the districts of the following Associations:—

Spalding and Deeping St. Nicholas; Pinchbeck; Gosberton and Surfleet; Moulton; Moulton Chapel and Cowbit; and Crowland.

The approximate staff will be 1 part-time Assistant Superintendent and 10 part-time nurses (the latter equivalent to 5 full-time nurses).

Holbeach Area. — An area covering the districts of the following Associations:—

Holbeach; Holbeach Bank; Gedney, Fleet and Holbeach St. John's; Gedney Dyke, Long Sutton, Sutton Bridge.

Also the districts of Tydd St. Mary, Sutton St. James', Sutton St. Edmund's, Gedney Hill and Whaplode Drove.

The approximate staff will be 1 Assistant Superintendent (part-time) and 6 part-time nurses (the latter equivalent to 4 full-time nurses).

5. **TRANSPORT.**—With the exception of 5 nurses working in urbanised areas, the nurses possess their own cars, or cars are provided by the Nursing Associations.

6. **HEALTH EDUCATION.**—To ensure that the Home Nurse, whether appointed directly by the Authority or otherwise, will be equipped to carry health education in an attractive form into the homes of sick people, the Authority proposes to provide regular post-registration training in the content, principles, methods and practice of health education for the home nurses working within its area; to this end the Authority proposes to take advantage of the Vacation Schools and other courses of instruction arranged by such bodies as the Central Council for Health Education and of the health education material available from the Central Council or from other sources.

PART III.

DEVELOPMENT PLAN. — The following districts are not at present covered for home nursing:—Fishtoft and Wyberton; Sutterton, Algarkirk and Fosdyke; Tydd St. Mary, Sutton St. James', and Sutton St. Edmund's; Gedney Hill and Whaplode Drove. It is proposed to provide whatever service is possible from neighbouring areas. If it is found that the number of nurses provided for in the preceding part of the proposals is inadequate additional nurses will be employed as needed and as they can be secured.

It is considered expedient for all nurses to have car transport and every effort will be made for this provision.

APPENDIX V

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND)
COUNTY COUNCIL UNDER SECTION 26 OF THE NATIONAL
HEALTH SERVICE ACT, 1946.
(as approved by the Minister of Health).

VACCINATION AND IMMUNISATION.

PART I.

STATISTICAL DATA.

| | Borough of Boston. | Rest of County. | Total. |
|--|--------------------|-----------------|--------|
| 1. Mid-1946 population | 22,760 | 74,240 | 97,000 |
| 2. Mid-1946 child population:— | | | |
| | Under 5 | Ages 5—15 | |
| Boston Borough | 2,040 | 3,250 | |
| Remainder of County | 6,300 | 11,800 | |
| Totals | 8,340 | 15,050 | |
| 3. Number of registered live births:— | | | |
| | In year 1945 | In year 1946 | |
| Boston Borough | 444 | 478 | |
| Remainder of County | 1,340 | 1,503 | |
| | 1,784 | 1,981 | |
| 4. Estimated percentage of mid-1946 child population who had been immunised against diphtheria up to 31st December, 1946. | | | |
| | Under 5 | Ages 5—15 | |
| Boston Borough | 58.0 | 87.7 | |
| Remainder of County | 70.0 | 77.0 | |
| Percentage for whole County | 68.0 | 81.0 | |
| 5. Estimated number of vaccinations against smallpox and immunisations against diphtheria of children aged 0—15 years which are likely to be undertaken in the year to 31st March, 1949. | | | |

Vaccinations against smallpox:—

| | |
|-----------------------------|-----|
| Boston Borough | 60 |
| Remainder of County | 150 |
| Total | 210 |

Immunisations against diphtheria:—

| | |
|-----------------------------|-------|
| Boston Borough | 500 |
| Remainder of County | 1,500 |
| Total | 2,000 |

PART II.

DIPHTHERIA IMMUNISATION.**A. CHILDREN UNDER 5.**

- (a) **The General Plan.** — The experience of the authority in this field has shown very clearly the optimum reaction to be obtained from the various methods available to secure immunisation. It is therefore proposed to adhere to the present methods which show that in the Administrative County (except Boston Borough), the number of immunisations under five years of age have risen from 166 in 1934 to 1,204 in 1946, and since the figures for under fives for the last three years have been 1,054, 904, 1,204, it is unlikely that a much higher figure can be obtained by any alternative methods.

It is found by experience that our results can be divided roughly into three groups, immunisation by General Practitioners, about 27%, immunisation at Welfare Centres about 33%; immunisations by health visitors, about 40%; and these results are achieved by an offer by post to each parent on the first birthday of the child.

The County plan will be to offer to the parents to immunise their child without cost by either (1) their own practitioner at his surgery or at the child's home, or (2) by a doctor at a welfare centre.

It is proposed to allow the immunisation to be undertaken under 12 months, but in view of the propaganda value of the birthday offer, it is not proposed at present to alter the working of the county scheme.

- (b) **The General Plan for Sessional Arrangements.** — The sessional arrangements shall be based upon the infant welfare sessions since these have been arranged at the most convenient times and places available in a rural area. Travelling facilities shall be made available for outlying rural areas.
- (c) **Organised Measures For Encouragement Through Local Officers of the County Council.** — Health Visitors in particular, and all other persons whose duties afford them appropriate opportunity, will be expressly urged to encourage immunisation of infants and young children. Health visitors will be expressly charged with responsibility for making every effort to secure the immunisation of the children under school age in their respective districts of duty, for collecting forms of consent from the parents, and for keeping such note with regard to these children as will enable the Health Visitor to carry out this part of her work systematically.
- (d) **General Information to the Public.** — The public will be kept constantly informed, by appropriate means of publicity, of all the facilities provided for free immunisation, including the places and times at which sessions are held.
- (e) **Maintenance of Local Propaganda and Use of National Publicity Material.**—Local propaganda by health visitors, school nurses, talks to groups by doctors, posters, newspaper articles, and the birthday cards. National publicity material made available by the Ministry will be used to the fullest possible extent in cinemas, on hoardings and public notice boards.

B. CHILDREN OF SCHOOL AGE.

- (a) **The General Plan.**—Arrangements will be made for immunisation to be carried out at schools, and at such other centres (in conjunction, where appropriate, with arrangements for immunising children under school age also) as may be necessary. The same arrangements as for children under 5 will apply to children of school age as regards individual immunisation by general practitioners taking part in the Council's scheme

- (b) **The General Plan for Sessional Arrangements.** — Sessional arrangements shall be school medical inspection sessions and notification shall be given to parents of immunisation facilities. If circumstances show the need for sessional facilities additional to these, arrangements will be made accordingly.
- (c) **Organised Measures for encouragement through local officers of the Council.**—School teachers and persons engaged in the school medical service, as well as others whose duties afford them appropriate opportunity, will be expressly urged to encourage immunisation.
- (d) **General Information to the Public.**—Newspaper publicity from time to time. Hoardings and boards at all Council clinics.
- (e) **Maintenance of local propaganda and Use of National Publicity Material.**—Welfare Centre talks. Use of films at local cinemas, hoardings and press notices.
- (f) **Re-inforcement injections.** — Re-inforcement injections will be given at the request of the parents, an invitation being given on notification of school inspection, and the need for these is stressed when the initial course is given. These injections will be given at the next school inspection after the request is made by the School Doctor carrying out the school inspection.

C. RECORDS AND PAYMENT OF FEES.

All Medical officers and general practitioners performing immunisations under the Council's arrangements will be required to furnish particulars for record purposes in such standard form as the Minister may request local Health Authorities to use. On the basis of receiving such particulars the Council will pay to general practitioners fees on such scales, according to circumstances, as are agreed upon between the Ministry and the profession. The Authority will arrange to keep records in such a manner as will enable them to furnish returns to the Minister as he may require.

D. MEDICAL ARRANGEMENTS.

Every medical practitioner whether or not providing general medical services in this area under Part IV of the Act will be given an opportunity to provide services by way of immunisation either by virtue of the parents' opportunity to nominate any practitioner to undertake the immunisation or by direct application by any person. All necessary use will be made of the services of the Council's own Medical Officers in administering its arrangements and in the carrying out of immunisation at clinics or other centres. By arrangements with the Authorities of County Districts recourse will also be had to the services of district Medical Officers of Health in the same way in so far as they may be necessary to maintain an adequate and satisfactory immunisation service in every part of the Council's area.

SMALLPOX.

A. INFANT VACCINATION.

- (a) Arrangements will be made for the performance of infant vaccination in individual cases by general practitioners taking part in the Council's scheme.

Arrangements will also be made, if necessary, for special sessions for infant vaccination to be held at child welfare clinics or other centres. Steps will be taken to ensure that the advisability of infant vaccination is brought to the notice of parents of newly-born children.

- (b) If sessional arrangements are found to be required they will be made in the light of local needs and circumstances.
- (c) Midwives and health visitors in particular, and all other persons whose duties afford them appropriate opportunity, will be expressly urged to encourage infant vaccination: and administrative arrangements will be made with a view to relating the action taken towards securing vaccination to the registration of births.
- (d) The public will be kept constantly informed of the facilities provided for free vaccination.
- (e) Such measures of health education will be adopted in the matter of infant vaccination as may be appropriate, and regard will be had in this respect to such advice as may be given by the Minister.

B. RECORD AND PAYMENT OF FEES.

All Medical Officers or general practitioners performing vaccination under the Council's arrangements will be required to furnish particulars for record purposes in such standard form as the Minister may request. On the basis of receiving such particulars the Council will pay to general practitioners fees on such scales, according to circumstances, as are agreed upon between the Ministry and the profession.

C. ARRANGEMENTS IN THE EVENT OF AN OUTBREAK OF SMALLPOX.

To meet the public demand for vaccination in the event of the occurrence of smallpox in a locality, arrangements will be in readiness for setting up emergency vaccination stations and for the medical staffing of them. It will also be arranged for the public to be advised about vaccination (or re-vaccination) as a precaution, and to be fully informed of all the facilities available, including the services of the family doctor. Arrangements in this connection will be co-ordinated with the county district Councils responsible under the Public Health Act for the control of infectious disease.

D. MEDICAL ARRANGEMENTS.

The same arrangements will apply as under this heading regarding Diphtheria Immunisation.

OTHER DISEASES.

Proposals in respect of whooping cough.—The Authority will provide such facilities for immunisation against whooping-cough as may from time to time be recommended by the Medical Officer of Health, who will be responsible for deciding the antigen(s) to be used and will keep such records as will enable the value of this type of inoculation to be assessed. The arrangements for whooping-cough immunisation will in general be similar to those for diphtheria immunisation of children under school age, but the methods of propaganda with regard to it will be suited to the circumstances regarding the experimental development of this form of inoculation.

OTHER DISEASES (except proposals in respect of whooping cough).

—If in exceptional circumstances it is considered expedient by the Authority's Medical Officer of Health, and he so advises the Authority, temporary arrangements may be made under his direction for group inoculation against a disease other than those referred to in the preceding proposals as regards persons to whom it is thought advisable to offer this inoculation to protect them against exceptional risk.

APPENDIX VI

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND)
COUNTY COUNCIL, UNDER SECTION 27 OF THE NATIONAL
HEALTH SERVICE ACT, 1946.

(As approved by the Minister of Health).

AMBULANCE SERVICE.

PART I.

(1) Total mid-1946 population of Authority's area—97,000.

(2) Area in square miles—419.

(3) **Particulars of existing ambulance services:—**

(1) **Service operated by the Holland County Council.**

A. District served—Whole of County of Holland.

B. Full details of existing ambulances:—

| Regn. No. | Make and Type. | Year | H.P. | Carrying capacity and description of interior equipment. | Mileage. |
|------------|---|------|------|---|----------|
| 1. GXA 954 | Morris (ex-Army) | 1937 | 25 | 4 Stretchers | 15,698 |
| 2. BV 8111 | Wolseley Converted Car (ex-Civil De- fence) | 1938 | 21 | do. | 33,984 |
| 3. DLW 222 | Austin Converted Car (ex-Civil De- fence) | 1937 | 18 | do. | 85,700 |
| 4. DYV 846 | Austin Converted Car (ex-Civil De- fence) | 1937 | 18 | do. | 61,826 |

C. Full details of existing Sitting Case Cars:—

| Regn. No. | Make and Type. | Year | H.P. | Carrying capacity. | Mileage. |
|------------|---------------------|------|------|-----------------------|-------------------|
| 5. GXT 124 | Ford Utility Car .. | 1944 | 30 | 5/6 | 37,971 |
| 6. GXT 127 | Ford Utility Car .. | 1944 | 30 | 5/6 | 30,456 |
| 7. CTN 352 | Morris Saloon .. | 1936 | 18 | 4 | 62,148 approx. |

D. Full details of existing vehicles other than above:—

| Regn. No. | Make and Type. | Year | H.P. | Description. | Mileage. |
|------------|---|------|------|--|----------|
| 8. TL 4276 | Austin Maintenance Van (ex-Civil De- fence) | 1935 | 10 | } Service vehicles for T. & S. Dept., including Ambulance Service | 81,113 |
| 9. CKW 851 | Commer 2 ton Breakdown lorry (ex-Civil Defence) | 1939 | 21 | | 39,508 |

| | | | | | | | |
|--------|------|------------|----|------|----|---|--------|
| 10. JL | 4811 | Commer Van | .. | 1937 | 14 | Mobile Dental Unit | 32,596 |
| 11. JL | 9324 | Ford Van | .. | 1944 | 10 | Laundry Van used occasionally for conveyance of sitting cases | 31,607 |

E. Ambulance Stations :—

H.C.C. Transport Depot, Allan House, Carlton Road, Boston (1) (2) (3) (5) (7) (8) (9)

H.C.C. Clinic, Holland Road, Spalding (6) (10)

Social Welfare Institution, Adderley House, Long Sutton (4)—Joint user H.C.C. Education Dept.

Social Welfare Institution, Woodlands Court, Kirton (11)

Person in operational control of ambulances—County Transport Officer.

F. Arrangements for servicing and maintenance.

Day to day maintenance by respective drivers.

Regular servicing, painting, overhauls, and all repair work, other than that requiring specialist equipment, carried out by staff at central maintenance unit, Allan House Depot, Carlton Road, Boston.

G. Staff :—

Administrative :—

| | |
|--------------------------|--|
| County Transport Officer | } All paid whole-time, but engaged also on work in connection with Transport and Stores Section. |
| 2 Male Clerks | |
| 1 Female Typist | |

Maintenance :—

| | |
|--------------------------|--------------------|
| Senior Motor Mechanic | } Paid whole-time. |
| Assistant Motor Mechanic | |

Drivers and Attendants :—

| | |
|--------|------------------|
| 7 Male | Paid whole-time. |
|--------|------------------|

H. Number of Calls in One Year :—

Ambulances 3228

Sitting Cars 3432

NOTE :—The figures stated for ambulances represent the number of journeys done by these vehicles but not more than 20% of this work was done in connection with the conveyance of stretcher-cases owing to their unsuitability. They have also been used for the conveyance of sitting cases, mothers and children to clinic, school meals, part-time nurses, etc.

I. Total mileage.

Ambulances 30,304

Sitting Cars 55,738

Transport and Stores Department,
County Hall, Boston.

21st May, 1947.

(2) Service operated by the County of Holland Joint Hospital Board.

A. District Served—County of Holland, Lincolnshire.

B. Full details of existing Ambulance :—

| Regn. No. | Make and Type. | Year. | H.P. | Carrying capacity and description of interior equipment. | Mileage. |
|-----------|--------------------------|-------|------|--|---|
| JL 2588 | Morris de luxe Ambulance | 1936 | 25 | 2 Patients, with double stretcher. | 26,000 from present reconditioned engine. |

The date of replacement will, of course, depend on future use of the ambulance.

C. Details of Sitting Case Cars :—Nil.**D. Details of Vehicles other than above :—Nil.****E. Ambulance Station :—**Boston Isolation Hospital, Whitehouse Lane, Fishtoft, Boston.

Person in operational control of ambulance :—Porter and Ambulance Driver (W. G. Ruskin).

F. Arrangements for servicing and maintenance :—None. Such repairs as are necessary carried out by Holland Bros. Ltd.**G. Staff :—**One whole-time paid man who devotes less than half-time to ambulance duties.**H. Number of calls in latest convenient period :—**Not known.**I. Total mileage run in the same period :—**Not known.**J. Financial arrangements :—**None given.

(Signed) E. J. CASE,
p.p. County of Holland Joint Hospital Board.
(Designation) Clerk and Accountant.
(Date) 1st May, 1947.

NOTE.—The above vehicle is used exclusively for the conveyance of infectious cases and no special financial arrangements have therefore been necessary in connection with the transport of general stretcher cases on behalf of the Holland County Council.

(3) Service operated by the Boston and District Motor Ambulance Service.**A. District Served :—**Borough of Boston, Boston Rural District and parts of Lindsey, i.e. parishes of Sibsey, Langrville, etc.**B. Full details of existing Ambulances :—**

| Regn. No. | Make and Type. | Year. | H.P. | Carrying capacity and description of interior equipment. | Mileage. |
|---------------------------------|----------------|-------|------|--|----------|
| JL 6037 | Vauxhall | 1938 | 25 | 2 Stretcher Cases | 48,000 |
| JL 7814 | Chevrolet | 1941 | — | 1 Stretcher Case | 53,000 |
| (Lomas Stretchers and fittings) | | | | | |

Both vehicles have been regularly serviced and are in excellent condition. The Vauxhall has just been thoroughly overhauled.

C. Details of Sitting Case Cars :—Nil.

D. **Details of vehicles other than above :—**Nil.

E. **Ambulance Station :—**White's Garage, Bargate End, Boston.

Person in operational control of ambulances :—Mr. John M. Enderby, 84, Wide Bargate, Boston.

F. **Arrangements for servicing and maintenance :—**Messrs. Ed. White & Co. attend to all servicing and maintenance.

G. **Staff :—**

| | Paid. | | Unpaid. | |
|--------------|------------|-------------|------------|-------------|
| | Part-time. | Whole-time. | Part-time. | Whole-time. |
| Male | 1 | — | 1 | 1 |
| Female | — | 1 | 1 | — |

NOTE :—The above constitute the regular staff, but assistance is given by numerous part-time volunteers (mostly Red Cross and St. John members) working on a rota system.

Details of system of manning ambulances :—Calls are received in the day-time at Bargate First Aid Point. The night calls are put through direct to the night-driver, Mr. Robinson, 3, Skirbeck Road, Boston.

H. **Number of calls in 1946 :—**686.

I. **Total mileage run in same period :—**12,962.

J. **Financial arrangements :—**

- (1) Minimum charge for local removals (5 miles and under) :—5/-.
- (2) Removals over 5 miles :—1/- per mile for the first 50 miles and 9d. per mile thereafter.

(Signed) JOHN M. ENDERBY.

(Designation) General Secretary.

(Date) 9th May, 1947.

(4) **Service operated by the Spalding Joint Ambulance Committee.**

A. **District Served :—**Spalding Urban District, Spalding Rural District, and parts of East Elloe Rural District.

B. **Full details of existing ambulances :—**

| Regn. No. | Make & Type. | Year. | H.P. | Carrying capacity and description of interior equipment. | Mileage. |
|-----------|--------------|-------|------|--|----------------|
| JL 1673 | Austin | 1934 | 20 | 2 Stretchers and 2 Sitting | Not obtainable |
| JL 7292 | do. | 1940 | 20 | do. do. | do. |

C. **Details of sitting case cars :—**Nil.

D. **Details of vehicles other than above :—**Nil.

E. **Ambulance Station :—**Leverton's Garage, Pinchbeck Street, Spalding.
Person in operational control of ambulances :—Mr. E. J. Garwell, 1, High Street, Spalding.

F. **Arrangements for servicing and maintenance :—**Done by Messrs. Leverton & Co.

| G. Staff :— | Paid. | | Unpaid. | |
|-------------|--|-------------|------------|-------------|
| | Part-time. | Whole-time. | Part-time. | Whole-time. |
| Male | Nil | Nil | Nil | Nil |
| Female | See next paragraph re. manning ambulances. | | | |

Details of system of manning ambulances :—Drivers provided by Messrs. Leverton & Co. during working hours and their time charged for. During night, and week-end—Leverton's drivers, if available, or voluntary driver. Attendants (male and female) provided by the St. John Ambulance Brigade without charge.

H. **Number of calls in year ending 31st March, 1946 :—**618.

I. **Total mileage run in the same period :—**16,343.

J. **Financial arrangements :—**

Patients charged 9d. per mile in the Spalding Urban and Rural areas. 1/- per mile in other districts, with a minimum of 5/-.

(Signed) E. J. GARWELL.

(Designation) Hon. Clerk.

(Date) 29th April, 1947.

(5) **Service operated by Holbeach Ambulance Committee (St. John Ambulance Brigade).**

A. **District Served :—**East Elloe Rural District.

B. **Full details of existing ambulance :—**

| Regn. No. | Make & Type. | Year. | H.P. | Carrying capacity and description of interior equipment. | Mileage. |
|-----------|--------------|-------|------|--|-------------|
| BKY 830 | Buick | 1935 | 25 | Fitted to take up to 4 stretcher cases. | Not stated. |

C. **Details of Sitting Case Cars :—**Nil.

D. **Details of vehicles other than above :—**Nil.

E. **Ambulance Station :—**Belle Vue Garage, High Street, Holbeach.

Persons in operational control of ambulance :—Mr. H. Staley, Barrington, Holbeach, and Mr. E. J. Lefley, Belle Vue Garage, Holbeach.

F. **Arrangements for servicing and maintenance :—**Carried out by Belle Vue Garage Proprietors.

| G. Staff :— | Paid. | | Unpaid. | |
|-------------|------------|-------------|------------|-------------|
| | Part-time. | Whole-time. | Part-time. | Whole-time. |
| Male | — | — | 8 | — |
| Female | — | — | 1 | — |

Details of system of manning ambulance :—Voluntarily—on call mainly by rota.

H. **Number of calls in latest convenient period (preferably a year) :—**99.

I. **Total mileage run in the same period :—**2,470.

J. **Financial arrangements :—**

9d. per mile for residents in East Elloe Rural District Council's area and 1/- per mile for others.

The last financial statement shows a very small profit. The ambulance is run in such a manner as to cover running costs—no attempt is made to make a profit.

Other information which it is considered will assist the County Council when formulating the scheme for submission to the Ministry of Health :—

It has been proved that an ambulance should be stationed at Holbeach.

(Signed) H. STALEY.

(Designation) Officer i/c Ambulance.

(Date) 30th April, 1947.

(6) Service operated by the St. John Ambulance Brigade, Sutton Bridge Division.

A. District Served :—Sutton Bridge and district.

B. Full details of existing ambulance :—

| Regn. No. | Make and Type. | Year. | H.P. | Carrying capacity and description of interior equipment. | Mileage. |
|-----------|----------------|-------|------|--|----------|
| GYK 513 | Austin—ex-Army | 1945 | 26 | 3 Stretcher racks | 13,264 |

C. Details of Sitting Case Cars :—Nil.

D. Details of vehicles other than above :—Nil.

E. Ambulance Station :—Main Road Garage, Bridge Road, Sutton Bridge.

Person in operational control of ambulance :—Mr. F. T. Housam, 144, Bridge Road, Sutton Bridge (Tel. Sutton Bridge 373).

F. Arrangements for servicing and maintenance :—Main Road Garage.

| G. Staff :— | Paid. | | Unpaid. | |
|-------------|------------|-------------|------------|---------------------------|
| | Part-time. | Whole-time. | Part-time. | Whole-time. |
| Male .. | — | — | — | 10 Drivers and attendants |
| Female | — | — | — | 5 Drivers and attendants |

Details of system of manning ambulance :—Ring Sutton Bridge 373, failing that Sutton Bridge 327. Should both fail, Sutton Bridge 217—the latter in a real emergency only. A driver and attendant is then sent.

H. Number of calls for the year ending December, 1946—First year :—71.

I. Total mileage run in the same period :—3,200.

J. Financial arrangements :—

Scale charges—9d. per mile—special rate over 50 miles. 9d. first 50—6d. after.

Other information which it is considered will assist the County Council when formulating the scheme for submission to the Ministry of Health :—

The above charges do not cover the actual running expenses. The balance is made up by subscriptions, Whist Drives, etc. The Staff are unpaid. On long journeys, London, Oxford, Leeds, etc., we pay actual out of pocket expenses. Have listed all my drivers and attendants as whole-time—if one is not available I can quickly get another. Up to the present have been able to fit my ambulance out in 15 minutes and less.

(Signed) F. T. HOUSAM,

(Designation) Hon. Secretary.

(Date) 25th April, 1947.

FINANCIAL ARRANGEMENTS :—When vehicles operated by the voluntary organisations numbers 3, 4, 5 and 6 are used for the conveyance of County Council patients, the ordinary charges are paid by the County Council.

PART II.—PROPOSALS FOR SERVICE WHICH WILL OPERATE FROM
THE APPOINTED DAY.

(A) **Co-ordination of Existing Services.**

The County Council will provide directly an ambulance service to cover the whole of the County of Holland (subject to the arrangement with the County Council of the Soke of Peterborough described below) and parts of the County of Lindsey. The service will be controlled by the Health Committee and administered on their behalf by the Transport and Stores Committee. The County Transport Officer, in his capacity as Ambulance Officer, will be responsible to the Transport and Stores Committee in respect of the day to day operation of the service and to the Health Committee for the general adequacy and efficiency of the service.

(B) **Re-distribution and augmentation of existing resources.** In order to ensure, as far as possible, that an ambulance shall be available within 15 miles of any part of the area covered by the scheme, vehicles shall be stationed as follows :—

| Station. | Ambulance. | Sitting Case Cars. |
|---|------------|--------------------|
| (1) H.C.C. Transport Depot, Allan House, Carlton Road, Boston | 3 | 4 |
| (2) Ambulance Depot, H.C.C. Clinic, Holland Road, Spalding | 2 | 1 |
| (3) Social Welfare Institution, Stukeley Hall, Holbeach | 1 | 1 |
| (4) Main Road Garage, Bridge Road, Sutton Bridge .. | 1 | — |
| (5) County of Holland Joint Hospital Board, Isolation Hospital, Whitehouse Lane, Boston .. | 1 | — |
| TOTALS | 8 | 6 |

Arrangements will be made with the Regional Hospital Board to secure the continued use of the garage facilities at the Isolation Hospital and for the part-time services of the porter-driver to continue to be available.

To cover the above requirements it is proposed that the following vehicles shall be transferred from the present owners to the County Council :—

| Details of Ambulances. | Present Owner. |
|--|---|
| 1938 Vauxhall, 25 h.p., No. JL 6037 | Boston and District Motor Ambulance Committee. |
| 1936 Morris, 25 h.p., No. JL 2588 | County of Holland Joint Hospital Board. |
| 1940 Austin, 20 h.p., No. JL 7292 | Spalding Joint Ambulance Committee. |
| 1934 Austin, 20 h.p., No. JL1673 | Spalding Joint Ambulance Committee. |
| 1945 Ex-Army Type Austin, 26 h.p., No. GYK 513 | Home Ambulance Committee, British Red Cross Society, and St. John Joint Organisation (on loan). |
| 1941 Chevrolet, 29.4 h.p., No. JL 7814 | Boston Corporation (on loan). |

The County Council has received delivery of a new 16 h.p. "Welfarer" ambulance from the Austin Motor Co., and it is considered that the Council's ex-Army type 25 h.p. Morris ambulance GXA 954 will be suitable as a second-line vehicle for the time being. Two further ambulances will be required, and orders for two Austin 16 h.p. "Welfarer" ambulances have been placed.

The three sitting case cars at present owned by the County Council should be capable of further service after the appointed day, and three new Austin 16 h.p. saloon cars have been ordered to complete the requirements. It is expected that the existing cars will require replacement during the year 1948/49.

(C) Consultation with other Authorities in regard to joint arrangements.

- (a) Arrangements have been made for the Holland County Council to provide an ambulance service in that part of the County of Lindsey adjoining the northern boundary of the County of Holland.
- (b) The County Council of the Soke of Peterborough have agreed to provide an ambulance service for the conveyance of residents in the Crowland area to hospitals in Peterborough.
- (c) Arrangements for medical assistance in emergency will be made with all neighbouring Local Health Authorities.

(D) Staff.

- (a) **Administrative.**—It is thought that the present administrative staff will be sufficient to carry out the organisation and administration of the service, but it may be necessary to make additional appointments in the light of experience when the scheme is in operation.
- (b) **Drivers and Attendants.**—The following are the minimum numbers to cover reasonable requirements for a 24 hour service :—

| Station. | No. of Ambs. | No. of Cars. | Staff reqd. | Remarks. |
|--------------------------------------|-----------------|-----------------|----------------|--|
| Boston | 3 | 4 | 7 WT 1 PT | Attendants to be provided from driving staff, assistant mechanic, or volunteers. One part-time driver to take night calls, other drivers on call by telephone on rota. |
| Spalding | 2 | 1 | 3 WT 1 PT | Attendants to be provided from spare drivers, part-time driver and attendant employed by local garage ; caretaker of H.C.C. Clinic, and volunteers. |
| Holbeach | 1 | 1 | 2 WT | Attendants to be provided from driving staff, Social Welfare Staff, and volunteers. |
| Sutton Bridge | 1 | — | — | To be operated completely by volunteers, as at present. |
| Boston Isolation Hospital | 1 | — | 1 PT | The present porter-driver will continue to drive this vehicle, when required. |
| | 8 | 6 | 12 WT 3 PT | |

All members of the existing driving staff who are not at present proficient in first aid will be required to undergo a course of instruction before the appointed day, and it will be a condition of new appointments that successful applicants must have or be prepared to obtain the St. John Ambulance Brigade's certificate of proficiency.

(E) Maintenance and Servicing.

That the existing arrangements be continued, i.e. that the major work shall be carried out at the Transport Depot, Allan House, Carlton Road, Boston, and that day to day maintenance be performed by driver-attendants at the various stations subject to periodical visits and inspections by a travelling mechanic. Assistance in the work at the Depot will be given by the driver-attendants as available, but it is possible that an additional mechanic may be eventually required.

(F) Conveyance of patients by railway.

Where it is necessary for the Local Health Authority to provide transport for a person who has to make a long journey and can without detriment to his health most conveniently be conveyed for part of it by railway, as a stretcher case or in some similar way involving special arrangements with the railway undertaking, the Local Health Authority propose to arrange accordingly.

(G) Call Out Arrangements.

The Authority will keep all hospitals and other institutions for the sick, all general medical practitioners, dentists, nurses, domiciliary midwives, the police, fire service and telephone authorities in or serving the County informed of the action to be taken to call an ambulance.

DEVELOPMENT PLAN.

In order to provide adequately for the conveyance, where necessary, at any time of the day or night of persons suffering from illness (as defined in Section 79(1) of the National Health Service, Act, 1946) or mental defectiveness or expectant or nursing mothers from places in the County to places in or outside the County and to meet the Council's obligations to neighbouring Local Health Authorities under arrangements for joint user or for mutual assistance in emergency, the service will comprise a total of 8 to 11 ambulances, 6 sitting case cars, and 12 to 25 whole-time drivers and attendants or their equivalent in part-time paid staff supplemented by the services of volunteers. The Council intend to develop the service up to the minima mentioned as rapidly as circumstances permit. If by the Appointed Day it is impossible to obtain the necessary number of new vehicles the best use will be made of other older and less suitable ambulances belonging to local organisations. In any case it is estimated that all existing vehicles will require replacement within two years of the Appointed Day.

The requirements of the ambulance service will be kept under constant review, and such increases as experience shows to be required will be made from time to time up to the maxima mentioned above in the number of ambulances, sitting case cars and staff. Any such increases in the total establishment of vehicles and staff as may be effected under this Development Plan will be deployed at such of the stations as the needs of the service may require. Such temporary redistribution of vehicles and staff between the stations will be made as may from time to time be deemed necessary to ensure the most effective use of the Authority's ambulance resources.

It is not proposed at present to combine the ambulance and fire services. The Holland County Council are of the opinion that there should be a separate ambulance service for the parts of Holland though it will operate also by agreement in neighbouring portions of other administrative counties.

APPENDIX VII

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND)
COUNTY COUNCIL UNDER SECTION 28 OF THE
NATIONAL HEALTH SERVICE ACT, 1946.
(As approved by the Minister of Health.)

PREVENTION OF ILLNESS, CARE AND AFTER-CARE.

PART I.

GENERAL ADMINISTRATIVE ARRANGEMENTS.

The County Medical Officer of Health will be in executive charge of the arrangements which will be administered as follows:—

A. TUBERCULOSIS.

1. Arrangements will be made on an agreed basis with the Regional Hospital Board for the employment of medical specialists of the Board to give effective help and advice in matters associated with the care and after-care work of the Local Health Authority for patients suffering from or suspected to be suffering from tuberculosis.
2. A full-time Tuberculosis Nurse will be employed for the home visitation of tuberculous patients and for such other duties as may be required of her in connection with the Local Health Authority's proposals for care and after-care.
3. For the past 12 years a Voluntary Committee, known as the Care Committee, has been functioning for the whole County area in connection with the tuberculosis scheme. There is a large General Committee from which is formed an Executive Committee which meets monthly to deal with cases brought forward by the Tuberculosis Officer, the Tuberculosis Health Visitor, or any of the Committee's representatives.
4. The Local Health Authority proposes to recognise the Holland Care Committee under the new arrangements and to refer to that Committee all matters relating to the treatment, care and after-care of tuberculous patients and their families.
5. The function of the Care Committee will be to give attention to the problems arising from the occurrence of tuberculosis in a household and to assist the patient and/or the family in any of the following ways:—
 - (a) Provision of ancillaries to treatment such as additional comforts for patients, extra clothing and nourishment for patients and dependents.
 - (b) Assistance in helping patients and their families to obtain better housing accommodation, including grants for removal expenses.
 - (c) Reference to the Children's Committee for appropriate action of cases in which the boarding-out of children of infected parents is recommended.
 - (d) Reference to the Children's Committee of cases where mothers of families have to be admitted to hospitals or sanatoria in order that appropriate action may be taken for the care of the children.

- (e) Provision on loan of open-air shelters, and assistance with beds and bedding to enable patients and contacts to sleep apart and so prevent the spread of infection.
 - (f) Provision of training for employment. Close co-operation with the Ministry of Labour, employers, and trade organisations, in providing training for employment, finding new or suitable work, or suitable modifications in conditions of employment of ex-patients.
 - (g) Generally to assist the tuberculous and their dependents to take full advantage of any benefit available—whether under social security legislation or through voluntary organisations—and to give every possible assistance to safeguard the patient against relapse and to preserve the health of the family.
6. The Local Health Authority will make an annual grant to the Care Committee and will provide adequate staff to enable that Committee to carry out its functions.
 7. No monetary grants will be made to patients or their dependents from the grant of the Local Health Authority, but the Care Committee will be at liberty to do so from their own voluntary funds.
 8. Officers of the Local Health Authority will work either as Almoners or in close contact with Almoners of hospitals or sanatoria in order that suitable after-care may be provided, and to advise the Officers of the Regional Hospital Board as to the home conditions of patients prior to their discharge from hospital or sanatorium.

B. MENTAL ILLNESS OR DEFECTIVENESS.

1. The arrangements for the care of persons suffering from mental illness or defectiveness will be administered through the Mental Welfare Sub-Committee of the Local Health Authority.
2. Arrangements will be made with the appropriate Regional Hospital Board for one of its Medical Officers, with an approved qualification in psychological medicine, to undertake on a part-time basis the medical direction of the mental health social workers and also any specialist examinations required.
3. The Local Health Authority will appoint mental health workers who will act as “duly authorised officers” for the purpose of initial proceedings under the Lunacy and Mental Treatment Acts, and also as “ascertainment officers” and “petitioning officers” under the Mental Deficiency Acts.
4. The Local Health Authority will utilise the services of psychiatric social workers either by their direct employment or through the National Association for Mental Welfare, or by arrangement with the Regional Hospital Board.
5. The Local Health Authority will undertake social work for patients in the early stage of mental illness or who are unwilling to seek medical assistance. Provision will also be made, in conjunction with the Regional Hospital Board, for the supervision and after-care of patients who leave or are discharged from a mental hospital or are attending a clinic.
6. As regards mental defectives, the Local Health Authority will undertake the following functions subject, where necessary, to arrangements with the Regional Hospital Board:—
 - (a) community care work.
 - (b) voluntary supervision of persons not subject to be dealt with under the Mental Deficiency Acts, and of patients discharged from Orders under the Acts.

- (c) supervision of cases on licence after treatment and training.
 - (d) statutory supervision.
 - (e) selection and placing of suitable cases under guardianship.
7. The Health Visitors of the Local Health Authority will assist as and when required in the arrangements for the care and after-care of cases of mental illness or defectiveness.

C. OTHER TYPES OF ILLNESS.

1. The Local Health Authority will through its Health Committee or appropriate sub-committee of the Health Committee arrange, in consultation with the Regional Hospital Board, for—
 - (a) the following-up of persons under treatment for venereal disease and persons known or suspected to be sources of venereal infection.
 - (b) the early examination and treatment of persons with a view to the prevention of blindness.
 - (c) the gradual development of care and after-care measures, as opportunity arises, in relation to patients suffering from other illness, mainly those discharged from hospitals.
 - (d) for the services of the Authority's health visitors to be available when necessary.

The arrangements in this respect will be such as will not fall within the scope of the hospital and specialist services or of provisions of Part III of the National Assistance Act.

D. PROVISION OF NURSING EQUIPMENT AND APPARATUS.

1. The Local Health Authority will establish, so far as circumstances permit, depots at Boston, Spalding, Holbeach, Crowland, and Long Sutton, from which domiciliary midwives, home nurses, or relatives of patients may obtain sick room equipment for patients who are being confined or nursed at home.
2. The Local Health Authority will be prepared, if necessary, to negotiate with the local branches of the British Red Cross Society and/or the St. John Ambulance Brigade for the issue from their depots of sick room equipment and apparatus.
3. As a supplement to the main depots, each domiciliary midwife and home nurse will be supplied with a small store of the lesser items of sick room equipment for loan to patients nursed at home.

E. HEALTH EDUCATION.

As part of its arrangements for the purpose of the prevention of illness, the Local Health Authority propose to develop, as opportunity permits, a comprehensive health education programme which will provide instruction on the content, principles, methods and practice of health education, to such persons as doctors, nurses, teachers, youth leaders, sanitary inspectors, industrial welfare workers, school caretakers, etc., and which will, in addition, give to the ordinary citizen of all ages appropriate information concerning individual and community health; for these purposes it is proposed to use the appropriate services, material and advice available from the Central Council for Health Education, the National Association for the Prevention of Tuberculosis or from other sources.

APPENDIX VIII

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND) COUNTY COUNCIL UNDER SECTION 29 OF THE NATIONAL HEALTH SERVICE ACT, 1946.

(As approved by the Minister of Health).

DOMESTIC HELPS.

PART I.

STATISTICAL DATA.

- | | |
|---|---------|
| 1. Area in square miles of the Local Health Authority's area | 419 |
| 2. Total mid-1946 population (Registrar-General's estimate) .. | 97,000 |
| 3. Estimated September, 1947 population (Registrar-General's estimate) | 100,000 |

EXISTING SERVICE.

The Local Health Authority has an approved scheme for the supply of home and domestic helps. The scheme provides for the payment to whole-time helps of £3 9s. per week and 1s. 9d. per hour to part-time workers. Particulars of the scale of assessment for recovery of contributions are shown separately; these charges are made according to the means of the users of the service.

At the present time 7 whole-time and 5 part-time workers are employed in the County area, excluding the Borough of Boston.

The scheme is under the control of the County Medical Officer of Health and, in addition, the work in the Spalding district is supervised by a part-time organiser.

In the Borough of Boston, which is a separate welfare authority, a scheme of part-time helps is administered by the Medical Officer of Health for the Borough.

PART II.

DESCRIPTION OF THE SERVICE WHICH WILL OPERATE ON THE APPOINTED DAY.

1. The service will be administered by the Health Committee through the County Medical Officer of Health who will be in executive charge. The clerical and administrative duties will be carried out by the staff of the County Public Health Department.
2. Full advantage will be taken of the assistance available through the Women's Voluntary Services and other voluntary bodies.

3. The Local Health Authority will use every endeavour to expand the present scheme of home helps by the recruitment of as many additional full-time and part-time home helps as are necessary to meet the demands of the County.

(Note.—These workers will be known as “home helps” such term to include domestic helps.)

4. The remuneration of home helps will be at rates approved from time to time by the Local Health Authority who will be guided by the decisions agreed for domestics in hospitals by the provincial councils of the National Joint Council for Staffs of Hospitals and Allied Institutions (England and Wales) or by any other approved national organisation set up for the purpose. If circumstances demand it, the Local Health Authority will pay retaining fees—not exceeding 10/- per week—to part-time home helps.
5. Full-time home helps will be provided with outdoor uniform (with badge) and protective overalls, but in the case of part-time workers, overalls only will be provided.
6. Reasonable travelling expenses incurred on duty will be re-imbursed or, as an alternative, a bicycle allowance may be paid.
7. Persons assisted will be required to contribute towards the cost of the home help in accordance with the scale in force at the time.
8. A full-time organiser will be appointed, if necessary, and will be paid car allowance on the approved scale.
9. The work of the County Nursing Superintendent, health visitors and domiciliary midwives, will be closely co-ordinated with the service.
10. To ensure that home helps provided under arrangements made by the Local Health Authority are trained and equipped to take advantage of the opportunities for health education their duties will offer, the Authority proposes to use the appropriate services, material and advice available from the Central Council for Health Education or from other sources.

PART III.

DEVELOPMENT PLAN.

1. The Local Health Authority proposes to augment the present arrangements as soon as practicable after the appointed day, and subject to the demands upon the service. This expansion will be undertaken step by step according to circumstances to reach an anticipated maximum by the 1st April, 1950, of—

| | | | | | | |
|-------------------------|----|----|----|----|----|----|
| Whole-time helps | .. | .. | .. | .. | .. | 30 |
| Regular part-time helps | .. | .. | .. | .. | .. | 30 |
| Spare-time helps | .. | .. | .. | .. | .. | 20 |

2. Full advantage will be taken of any facilities available through the Women's Voluntary Services and the National Institute of House-workers for the practical training of organisers and home helps.
3. To supplement the arrangements in the rural areas, the Local Health Authority will seek the assistance of voluntary bodies, such as the National Federation of Women's Institutes, in organising a service based on voluntary help or on mutual neighbour-to-neighbour agreements for reciprocal help.

APPENDIX IX

PROPOSALS OF THE LINCOLNSHIRE (PARTS OF HOLLAND) COUNTY COUNCIL UNDER SECTION 51 OF THE NATIONAL HEALTH SERVICE ACT, 1946.

(As approved by the Minister of Health.)

MENTAL HEALTH SERVICES.

PART I.

STATISTICAL DATA.

- | | |
|--|---------|
| 1. Estimated mid-1946 population (Registrar-General's figures) | 97,000 |
| 2. Estimated September, 1947 population (Registrar-General's figures) | 100,000 |
| 3. Number of patients at present chargeable to the Local Authority under the Lunacy and Mental Treatment Acts .. | 228 |
| 4. Number of patients dealt with under these Acts by the Relieving Officers of the area in 1946 | 43 |
| 5. Number of defectives ascertained as subject to be dealt with under the Mental Deficiency Acts in 1946 | 17 |
| 6. Number of persons reported to the Local Authority as mentally defective during 1946 | 32 |

Note. The average figures for mental defectives in the area are as follows:—

| | |
|--|-----|
| In certified institutions | 134 |
| On licence or under guardianship | 20 |
| Under statutory supervision | 180 |
| Under voluntary supervision | 34 |

PART II.

PROPOSALS.

A. GENERAL.

1. The Health Committee of the Local Authority have appointed a Mental Welfare Sub-committee to which all duties relating to mental health will be referred.
2. The organisation and administrative work will be carried out in the County Public Health Department under the control of the County Medical Officer of Health.
3. By arrangement with the Regional Hospital Board, one of the Board's medical officers with an approved qualification in psychological medicine will be utilised on a part-time basis for—
 - (a) any special medical directions to mental health social workers and
 - (b) for issuing certificates when necessary in special cases of mental defect in connection with petitions for Orders under the Mental Deficiency Acts.

B. MEDICAL.

1. The County Medical Officer will administer the services on behalf of the Health Committee and an appropriate proportion of his time will be allocated to these duties.
2. The medical examination of alleged defectives for the purpose of ascertainment and for the issue of certificates in connection with petitions under the Mental Deficiency Acts will be carried out whenever possible by the County Medical Officer or his Assistants who have had experience in this work.
3. In connection with the ascertainment of mental defectives and for the purpose of giving certificates of mental defect to accompany petitions for Orders under the Mental Deficiency Acts, arrangements will be made, as circumstances demand, with the Regional Hospital Board for the use of a specialist Medical Officer of the Board.
4. The Local Health Authority will pay the appropriate fees for medical certificates required under the Lunacy, Mental Treatment and Mental Deficiency Acts.

C. NON-MEDICAL.

1. The service will be under the control of the County Medical Officer.

2. Mental Illness.

- (a) The present District Social Welfare Officers or such other Officers as the Local Health Authority may appoint will from the appointed day become "duly authorised officers" to take initial proceedings under the Lunacy and Mental Treatment Acts. This arrangement will be applicable to five part-time officers who will operate from convenient centres to cover the County area, namely Boston and Spalding.
- (b) The Local Health Authority will co-operate with the Regional Hospital Board in the care of patients who leave a mental hospital, or who are on trial or boarded-out, or who are attending a clinic.

3. Mental Deficiency.

- (a) The ascertainment and supervision of all male mental defectives will be undertaken by the five officers referred to in C2 (a) above, who will be given some training in their new duties under the Mental Deficiency Acts and as far as possible become whole-time mental health or, at any rate, health workers.
- (b) The ascertainment of all female mental defectives will be carried out by an experienced officer working from Boston.
- (c) The five non-medical officers will be whole-time employees of the County Council and will each be paid a car allowance. In addition to the mental health work, they will undertake social welfare work in connection with the care of the aged, etc., and such other duties as may be imposed by the Council.
- (d) The general supervision of the administrative arrangements and the presenting of petitions for orders under the Mental Deficiency Acts will be undertaken, as hitherto, by the Chief Clerk of the Authority's Public Health Department or, if necessary, by the "duly authorised officers" mentioned in C2 (a) above.

- (e) Arrangements will be made with the Education Committee to utilise their child guidance clinic and the psychiatric social worker attached thereto; alternatively the part-time services of a psychiatric social worker will be obtained either through a voluntary organisation or through the Regional Hospital Board.
- (f) The Local Health Authority will contribute towards the expenses of voluntary organisations (e.g. the National Association for Mental Health) for any services provided.
- (g) The Local Health Authority will undertake, by arrangement with the Regional Hospital Board, the supervision of cases on licence after treatment and training, and of patients discharged from Orders under the Acts. Statutory supervision will also be undertaken by the Authority's mental health workers.
- (h) Selected cases of mental defectiveness will be placed under Guardianship.
- (i) If it is found necessary and practicable to arrange for home training or to establish Day Occupation Centres at Boston and Spalding, the necessary steps will be taken to make such provision.
- (j) The Local Health Authority propose to take full advantage of any opportunities of services and health education which occur in operating the provisions of these Acts, and for this purpose they will use the facilities available from the National Association for Mental Health, the Central Council for Health Education or from other sources as may be appropriate.

D. AMBULANCE SERVICE.—Provision has been made in the Authority's ambulance proposals to provide ambulance transport for any cases in the County area needing it; and for the most part, these facilities will be utilised. In special cases, however, it may be necessary to call upon the ambulance and trained staff of the particular hospital to which the patient is being sent. For the latter purpose, the Local Health Authority will make suitable arrangements with the Regional Hospital Board through the Management Committees of the hospitals concerned.